

Date:

Tuesday, 05/02/2008 8:18:08 AM

User Linda Lacelle **Process Sheet** Customer : CU-DAR001 Dart Helicopters Services **Drawing Name** : LOW PROFILE BASKET LID ASS'Y Job Number : 37197 **Estimate Number** : 13153 : D371304**2** P.O. Number **Part Number** This Issue : 05/02/2008 S.O. No. : : D3713 U/R **Drawing Number** Prsht Rev. : NC : N/A **Project Number** First Issue : // : LARGE FAB ASSY : U/R Type **Drawing Revision Previous Run** Material **Due Date** : 08/02/2008 Qty: 1 Um: Each Written By Checked & Approved By Comment : Est Rev:A new issue 08-01-30 DD verified by: **Additional Product** Job Number: Seq. #: **Machine Or Operation: Description:** M304TS0750W065 1.0 304 SQ Tube.75x.75x.065W Comment: Qty.: 32.5731 f(s)/Unit Total: 32.5731 f(s) 304 SQ Tube.75x.75x.065W 1- Cut Ribs as per dwg from 3/4" x 3/4" x 0.065 wall 304/316 SS tubing. PART NUMBER **BATCH** 2 D3714-1 D3715-1 D3716-1 D3732-1 12329 2- Deburr D23271 2.0 Spacer Bushing Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Spacer Bushing batch 336920 3.0 D2581 Mounting Bracket Comment:\Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Mounting Bracket batch 33648 4.0 D37491 HINGE HALF



Comment: Qty.: 3.0000 E

3.0000 Each(s)/Unit To

Total: 3.0000 Each(s)

HINGE HALF Patch 137202 Cp(08.02.11

Dart Ae	rospace l	Ltd								
W/O:			W	ORK ORDER CHA	NGES			-		
DATE	STEP	PRO	OCEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Cate	egory:	NCI	R: Yes N	10 <b>DQ</b>	A:	Date:	
						QA: N/	C Close	d:	Date:	
NCR:			WORK ORD	ER NON-CONFOR	RMANCE	(NCR)	)			
		Description of NC		Corrective Action	Section B		Vorifie	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	on	Sign & Date	Secti		Chief Eng	Approval QC Inspector
								1		

NCR:			WORK ORDI	ER NON-CONFORMAN	CE (NCR)			
		Description of NC		Corrective Action Section E	3	Verification	Annroyal	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto
						1		
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NOTE: Date & initial all entries

Tuesday, 05/02/2008 8:18:08 AM Linda Lacelle **Process Sheet** · Customer: CU-DAR001 Dart Helicopters Services Drawing Name: LOW PROFILE BASKET LID ASS'Y Job Number: 37197 Part Number: D3713041 Job Number: Seq. #: **Machine Or Operation:** Description: 5.0 LARGE FAB 1 LARGE FABRICATION RESOURCE 1 Comment: LARGE FABRICATION RESOURCE 1 1- drill holes in both D3715-1 as per dwg D3715 2- deburr 3- assemble as per dwg D3713 and weld as per QSI004 QC9 6.0 VISUAL WELDING INSPECTION Comment: VISUAL 7.0 QC5 APPROVAL Comment: INSPECT WORK TO CURRENT STEP 8.0 Expanded Metal Flat Stai 17.8500 sf(s)/Unit Total: 17.8500 sf(s) **Expanded Metal Flat Stainless Steel** Pick: Qty Part Number Description 17sq.ft M304EX0.75-16F **Expanded Metal** 9.0 LARGE FAB 1 LARGE FABRICATION RESOURCE 1 Comment: LARGE FABRICATION RESOURCE 1 1- cut mesh to fit inside basket base and sides 2- weld mesh as per dwg D3712 10.0 QC5 INSPECT WORK TO CURRENT STEP **ENGINEERING** APPROVAL Comment: INSPECT WORK TO CURRENT STEP

## Dart Aerospace Ltd

W/O:		WORK ORDER CHANG	ES		<del></del>		
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
03.0216	12.5	WING WALK TO OF LID PER QSI OOS 4.4	mof	० ६/०३/०६	/	(P) (47.16	
08. 67.14	12	POWDER COAT BLACK SANDTEN (4.3.5.7) PER OSI OUS 4.3	m.f	० ४/०२//७	1	08.02.11 per (05) 042	

Part No:	PAR #:	Fault Category:	_ NCR: Yes No DQA:	Date: <u>08/03/</u> /
			QA: N/C Closed:	Date:

NCR:			WORK ORDE	ER NON-CONFORMANO	CE (NCR)			
		Description of NC		Corrective Action Section B		Verification	A	A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto
								•

NOTE: Date & initial all entries

Dete: Tuesday, 05/02/2008 8:18:08 AM User: Linda Lacelle **Process Sheet** · Customer: CU-DAR001 Dart Helicopters Services Drawing Name: LOW PROFILE BASKET LID ASS'Y Job Number: 37197 Part Number: D3713041 Job Number: Seq. #: **Machine Or Operation: Description:** 11.0 QC9 VISUAL WELDING INSPECTION Comment: VISUAL WELDING INSPECTION 12.0 POWDER COATING POWDER COATING 100700 P68.07.16 Comment: POWDER COATING Baselo Sore For Powder Coat White Gloss (Ref: 4.3.5.2) as per QSI 005 4.3 INSPECT POWDER COAT/CHEMICAL CONVERSION いか CHAComment: INSPEC OWDER COAT/CHEMICAL CONVERSION 14.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: QC21 FINAL INSPECTION/W/O RELEASE 15.0 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

## **Dart Aerospace Ltd**

W/O:		WORK ORDER CHA	ANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						•	
Part No	:	PAR #: Fault Category:	NCR: Yes	No DQ	Δ.	Date:	

Part No:	PAR #:	Fault Category:	NCR: Yes	No	DQA:	Date:
			QA: N	1/C C	losed:	Date:

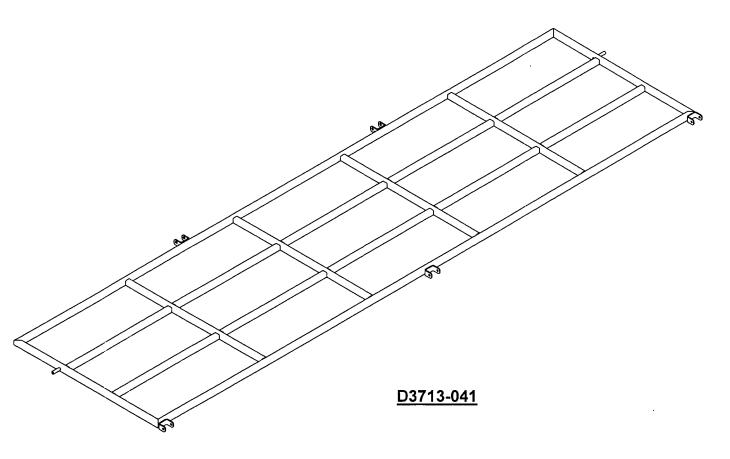
ign & Section C	Approval Chief Eng	Approval QC Inspecto
Ign & Section C		QC Inspecto
1		

NOTE: Date & initial all entries

QTY.	PART NUMBER	DESCRIPTION
Х	D3713-041	LID ASSY LOW PROFILE BASKET
2	D2327-1	SPACER
2	D2581	MOUNTING BRACKET
2	D3714-1	RIB 190,6
2	D3715-1	RIB 51
10	D3716-1	RIB 181.6
4	D3732-1	RIB 96
1	D3743-1	MESH
3	D3749-1	HINGE HALF
1 _	12329	Label Plate

31.02





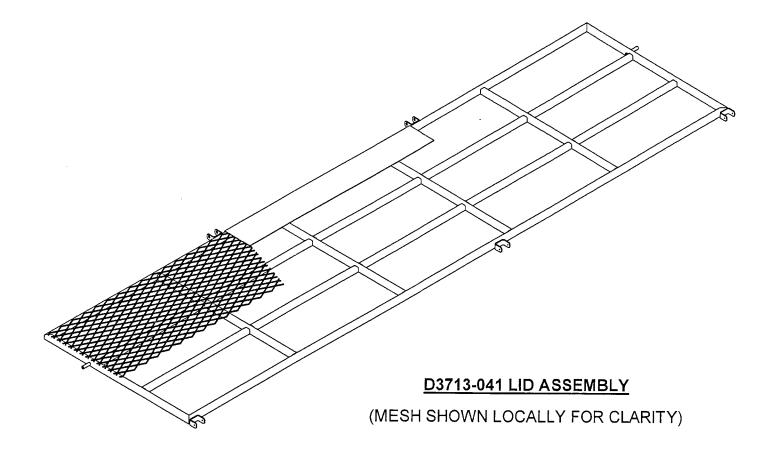
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NOTES:
1) MATERIAL: NONE
2) FINISH: POWDER COAT GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N D3713-041 USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: 26.09 lbs
8) WELDING: PER DART QSI 004

Α	NEW IS	SUE		AJS	08.02.01
REV.			DESCRIPTION	BY	DATE
DESIGN	1	AJS	DART AER	OSPACE L	TD
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CHECK	ED		DRAWING NO.		REV. A
MFG. A	PPR.		D3713		SHEET 1 OF 1
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DE APF	PR.		LID ASSY LOW PR	ROFILE BASI	KET nts
DATE	08.0	2.01	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL A NOT TO BE USED FOR ANY PURPOSE OR COPIED		S CONDITION THAT IT IS

QTY.	PART NUMBER	DESCRIPTION
Х	D3713-041	LID ASSY LOW PROFILE BASKET
2	D2327-1	SPACER
1	D2329	LABEL PLATE
2	D2581	MOUNTING BRACKET
2	D3714-1	RIB
2	D3715-1	RIB
10	D3716-1	RIB
4	D3732-1	RIB
1	D3743-1	MESH
3	D3749-1	HINGE HALF



PRELIMINARY 1831E VE 08.02.15

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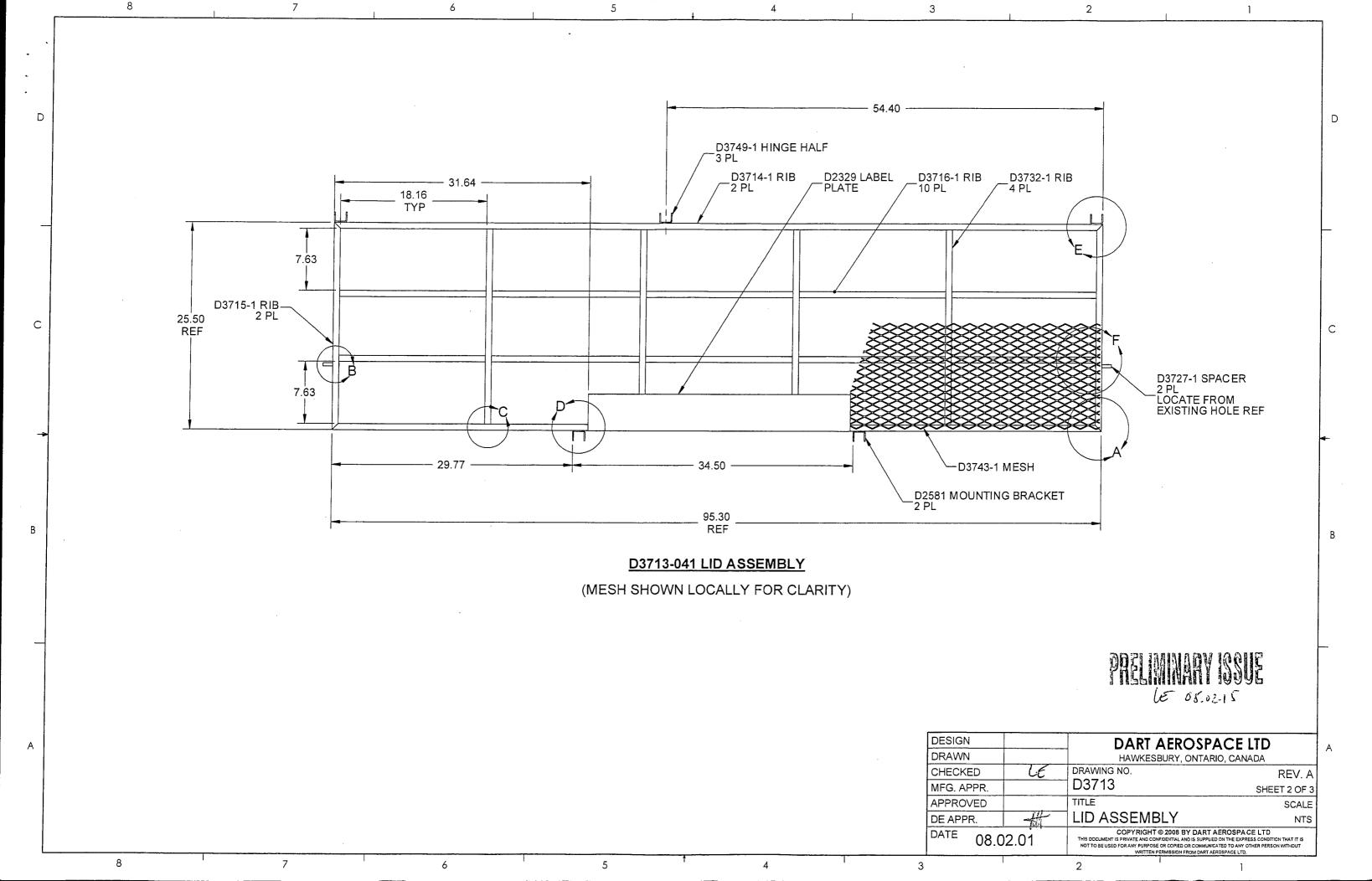
REV.		DESCRIPTION	BY	DATE	
DESIGN	AJS	DART AERO	SPACELTD		
DRAWN		HAWKESBURY, ONTARIO, CANADA			
CHECKED W		DRAWING NO.	_	REV. A	
MFG. APPR.		□ D3713		SHEET 1 OF 3	
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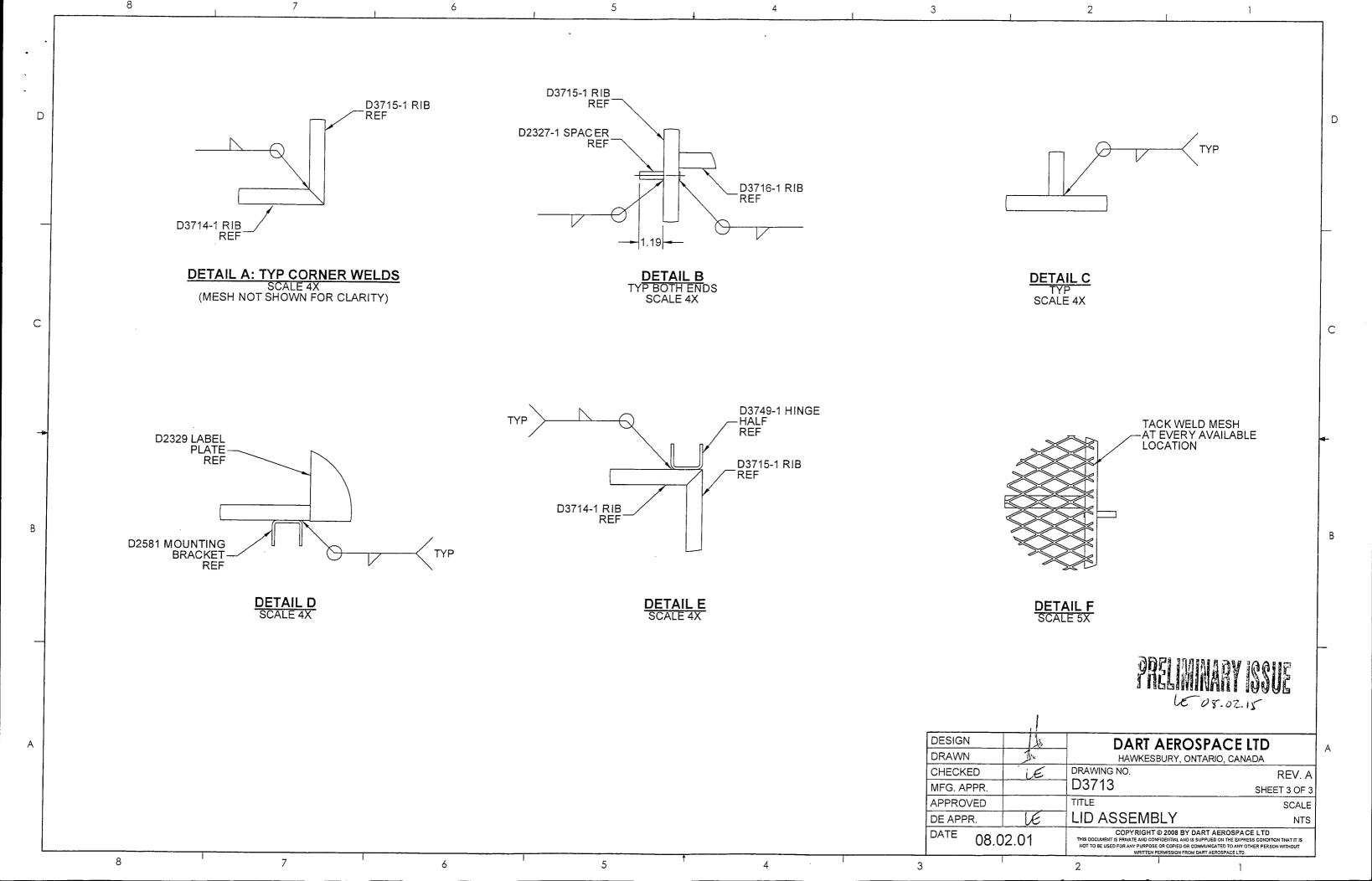
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NEW ISSUE



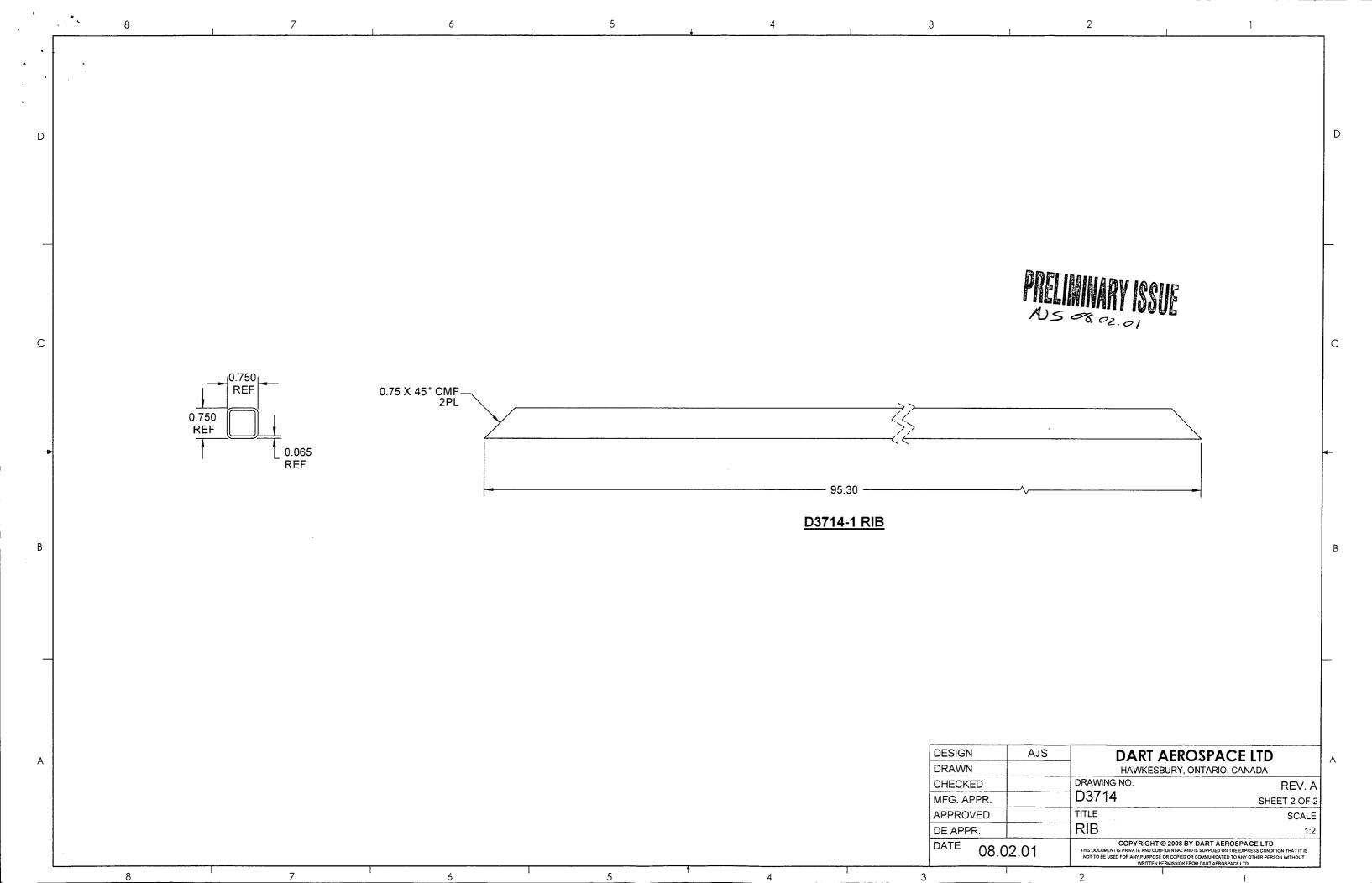


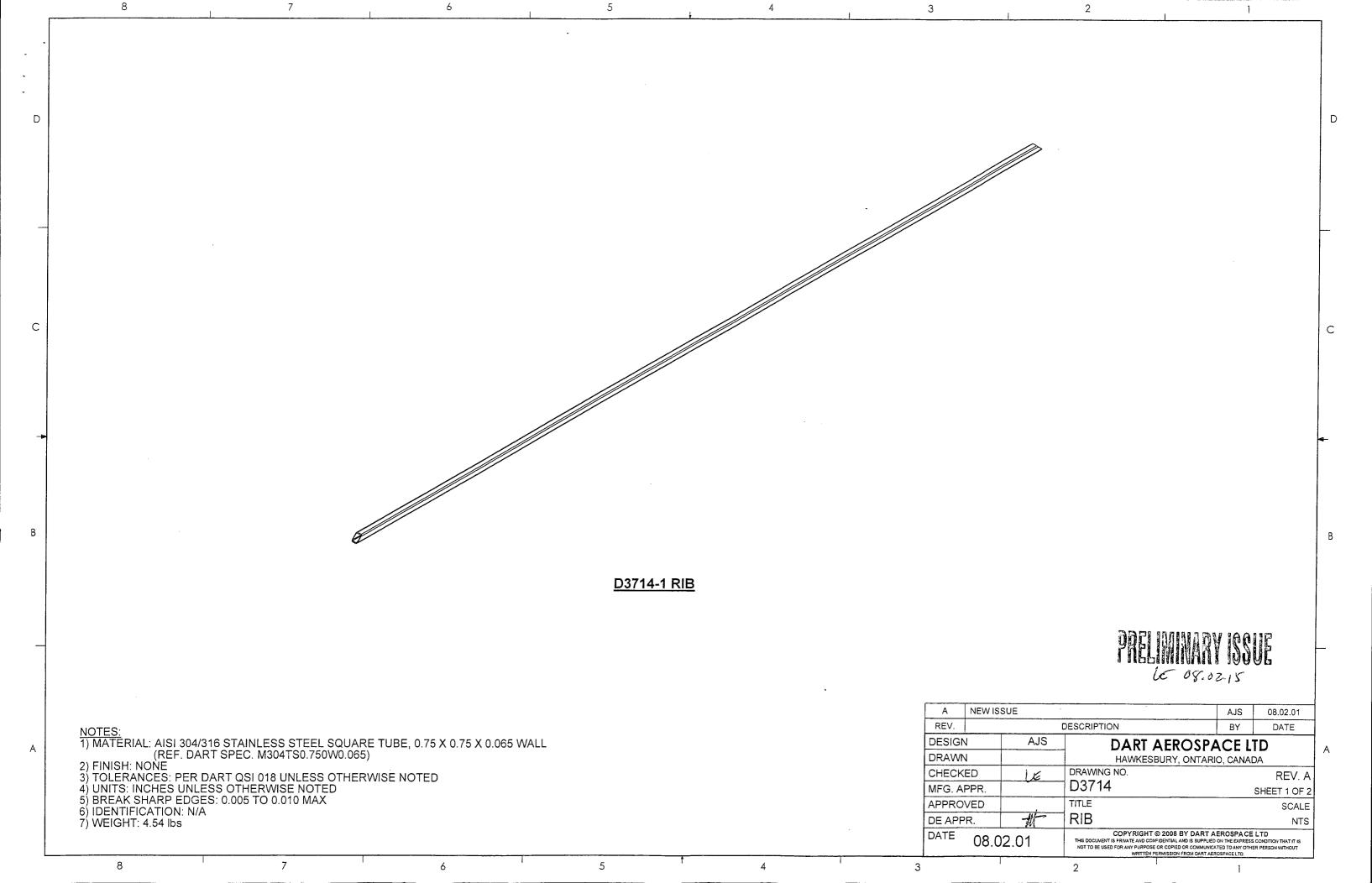
D NEW ISSUE 08.02.01 NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL (REF. DART SPEC. M304TS0.750W0.065)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A REV. DESCRIPTION BY DATE AJS DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. A D3714 MFG. APPR SHEET 1 OF 2 TITLE APPROVED 6) IDENTIFICATION: N/A 7) WEIGHT: 4.54 lbs DE APPR. COPYRIGHT © 2008 BY DART AEROSPACE LTD

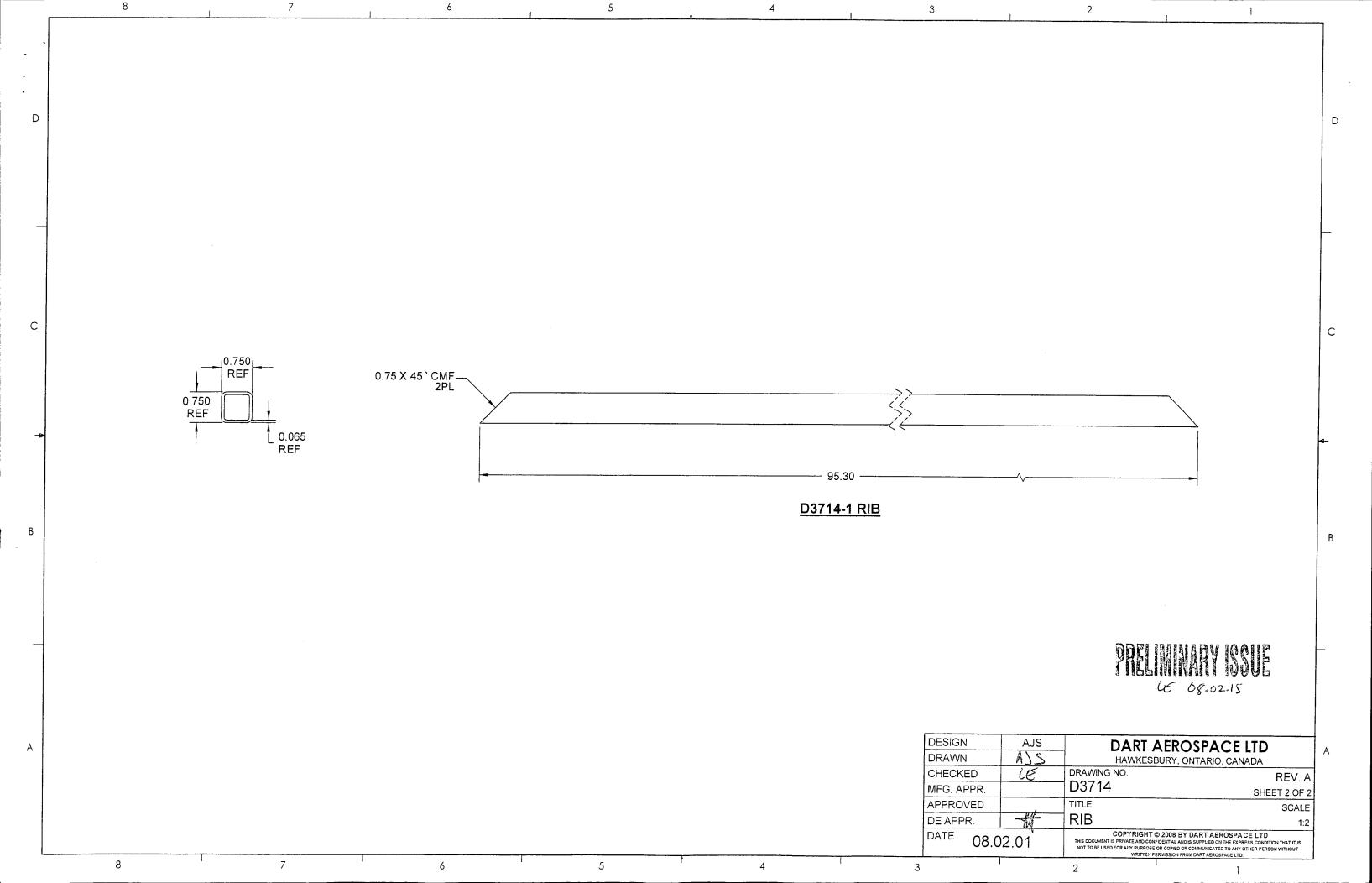
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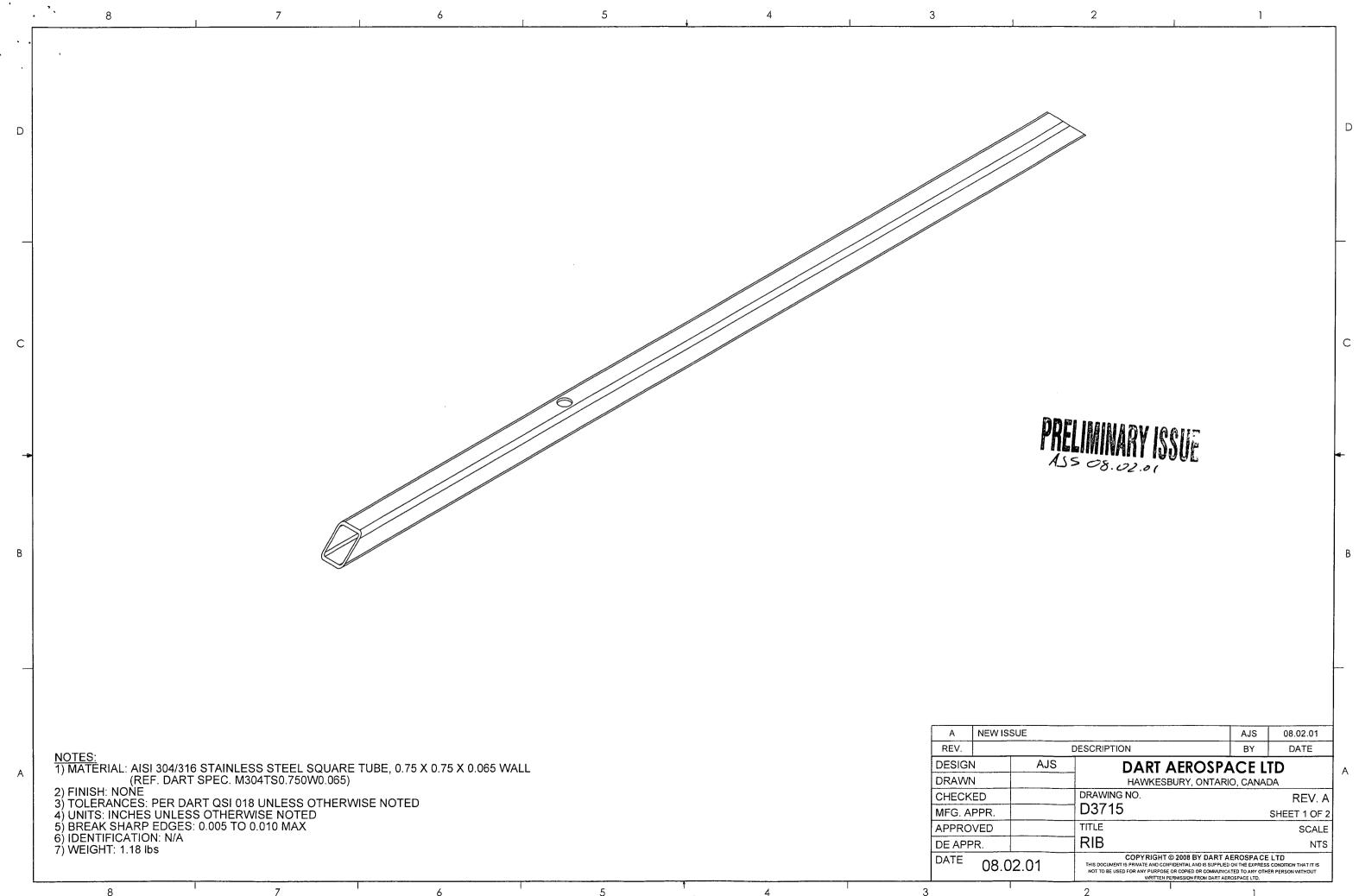
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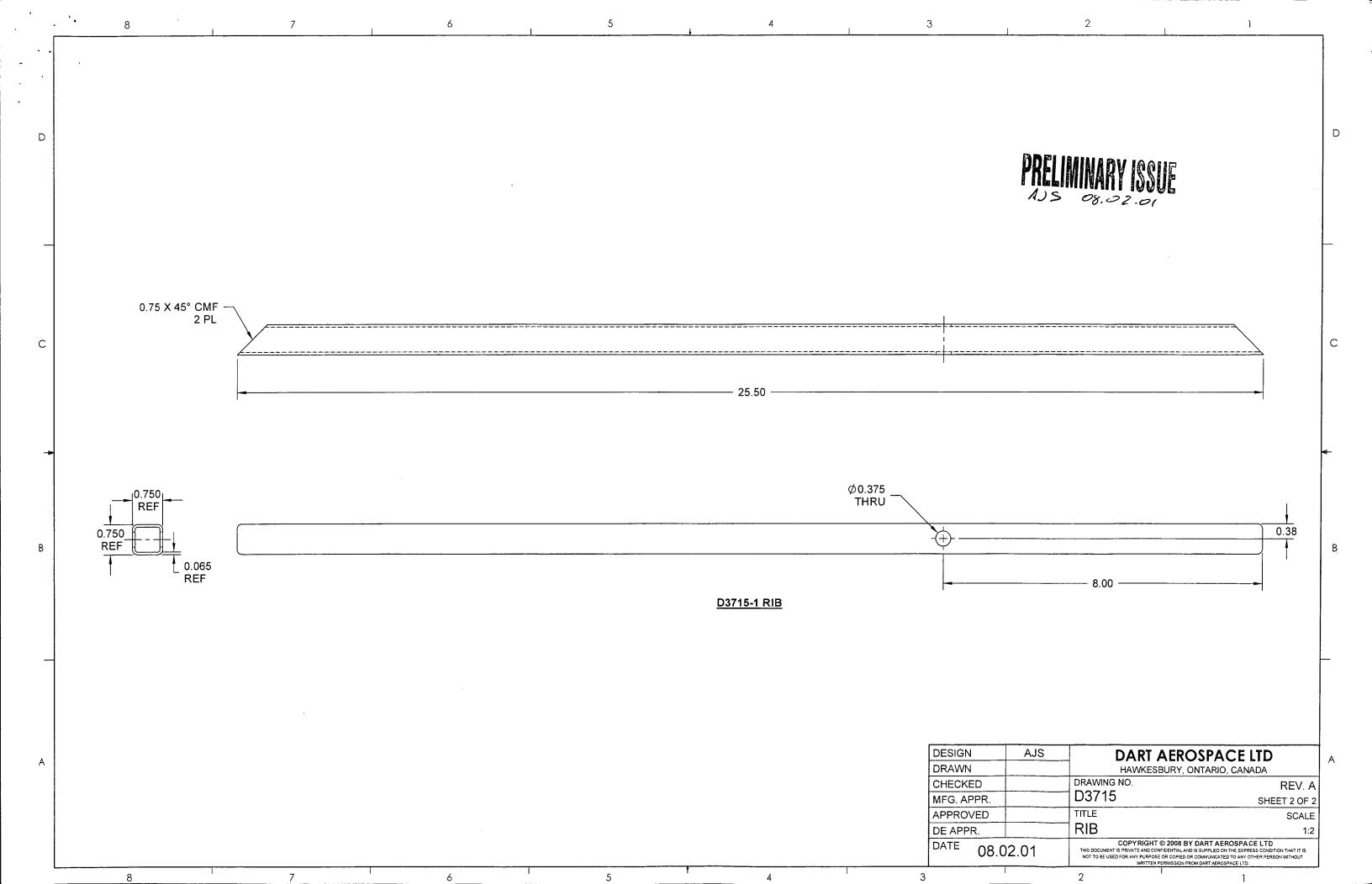
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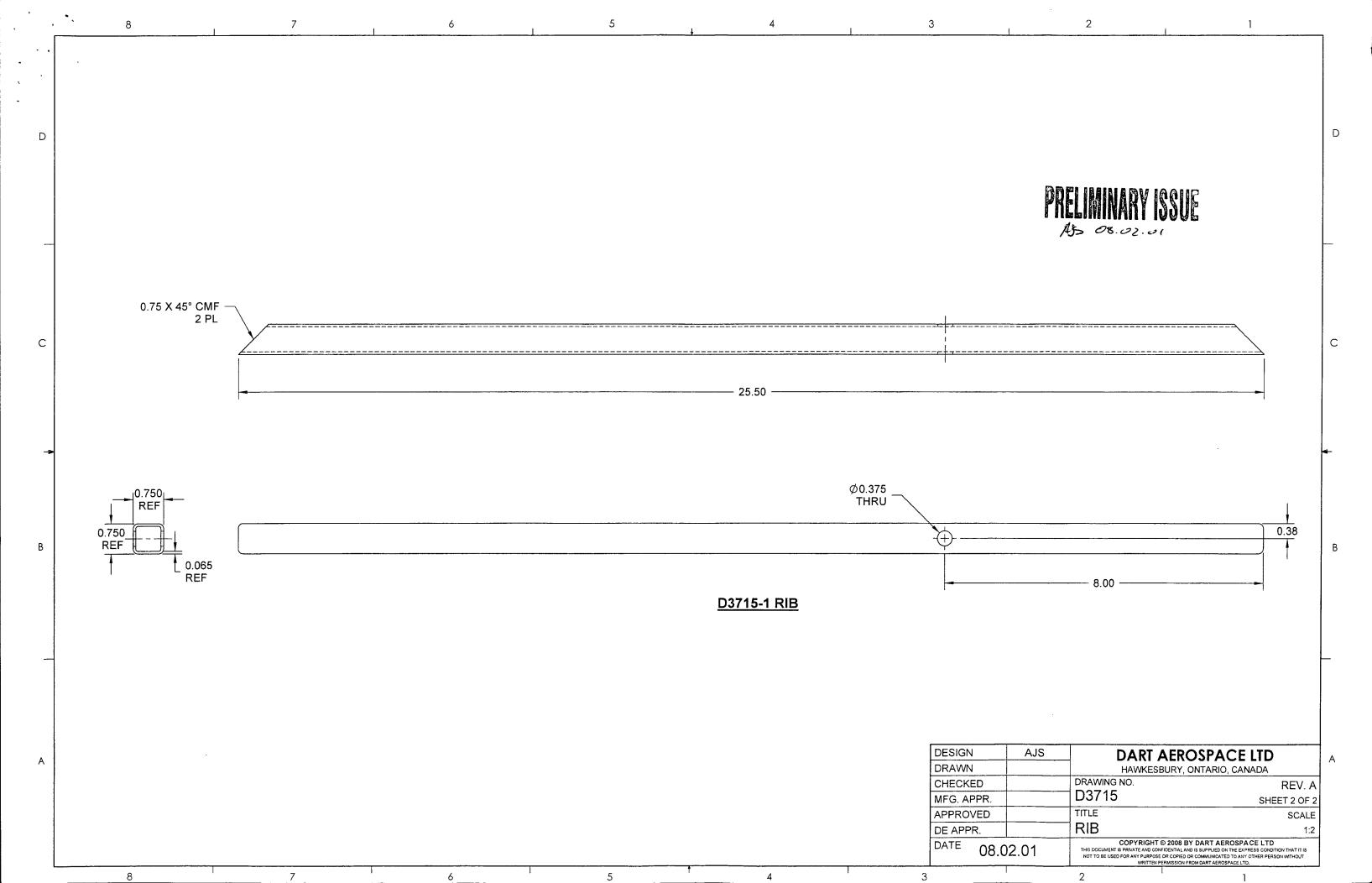


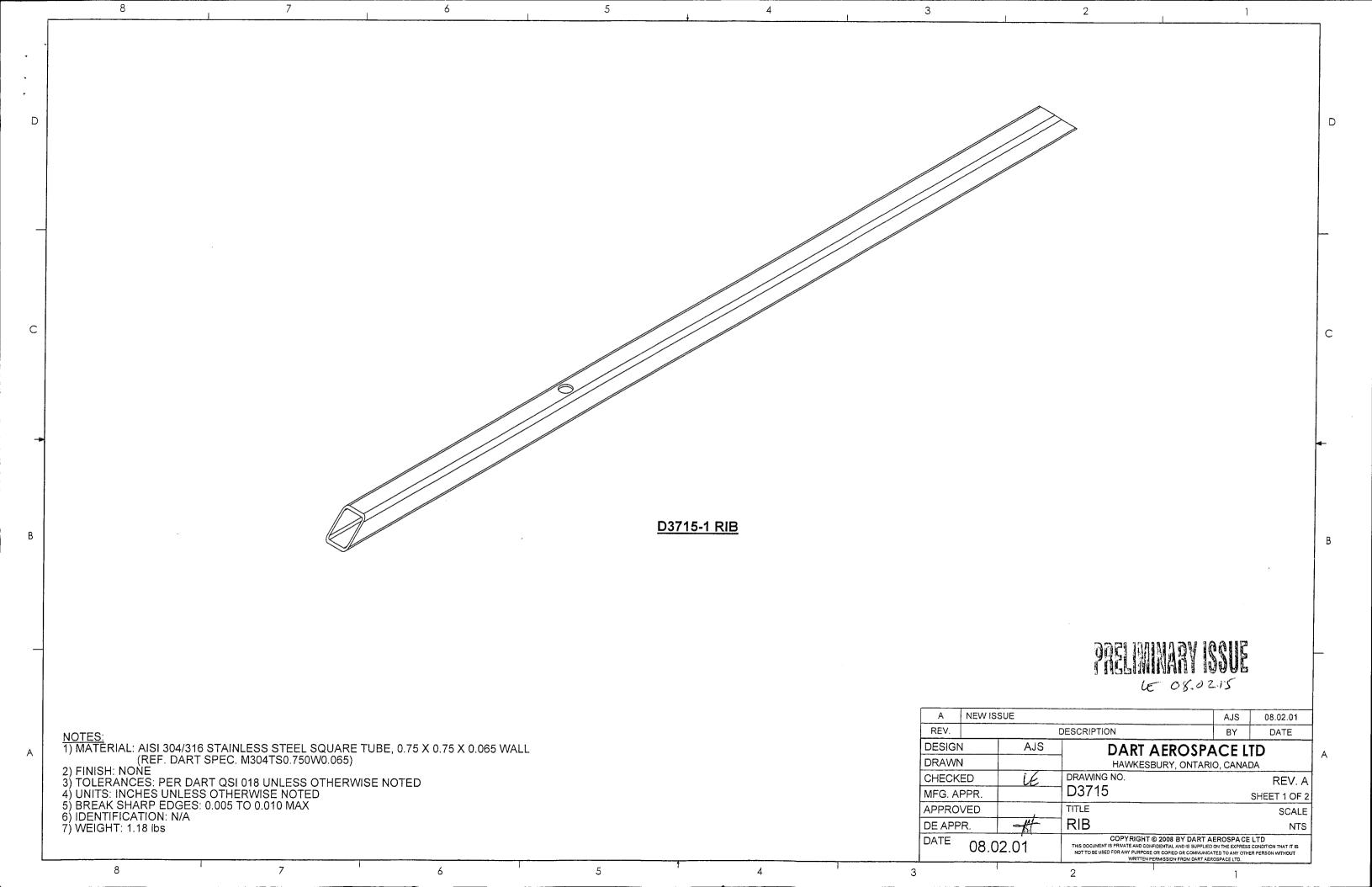


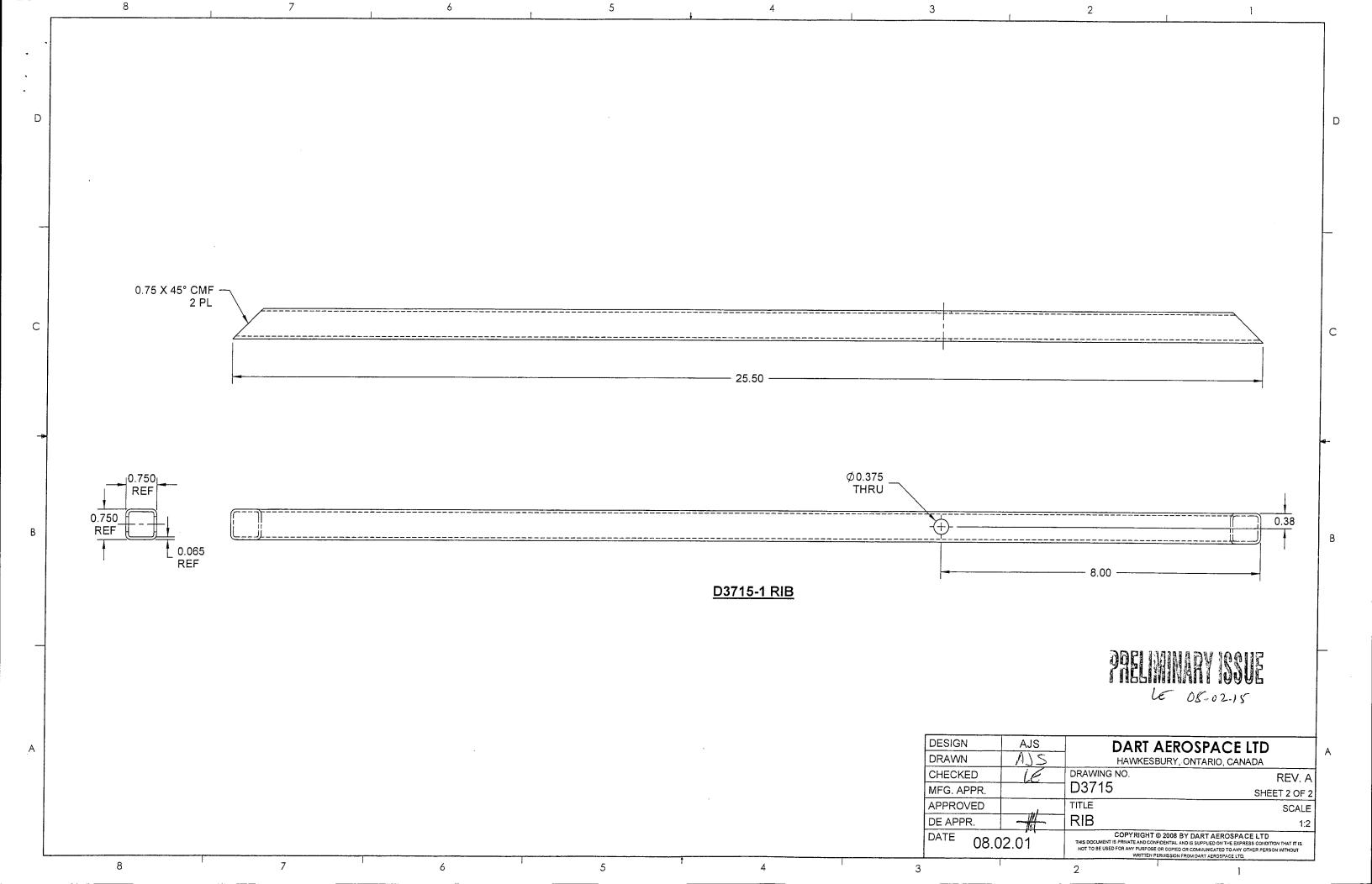


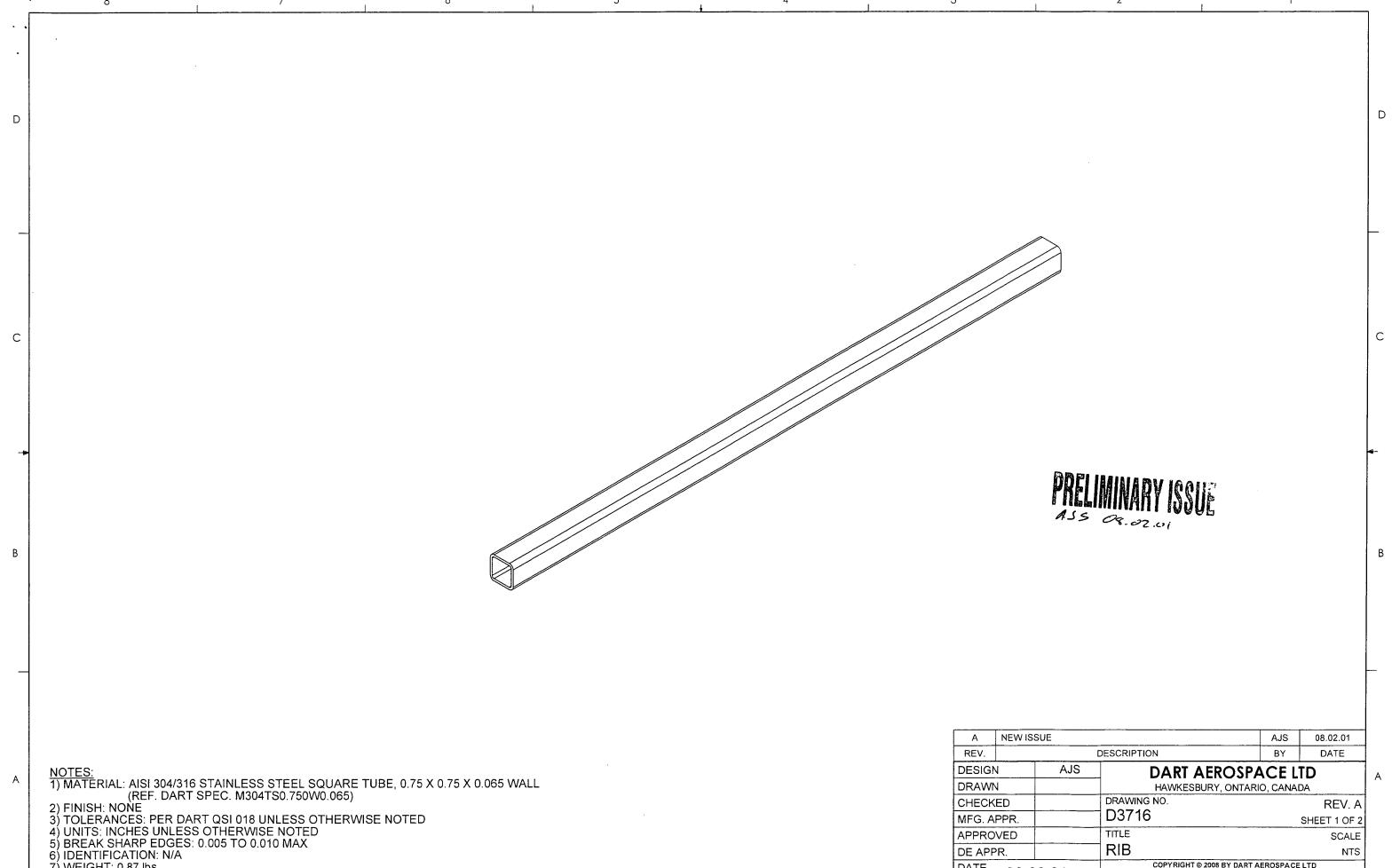












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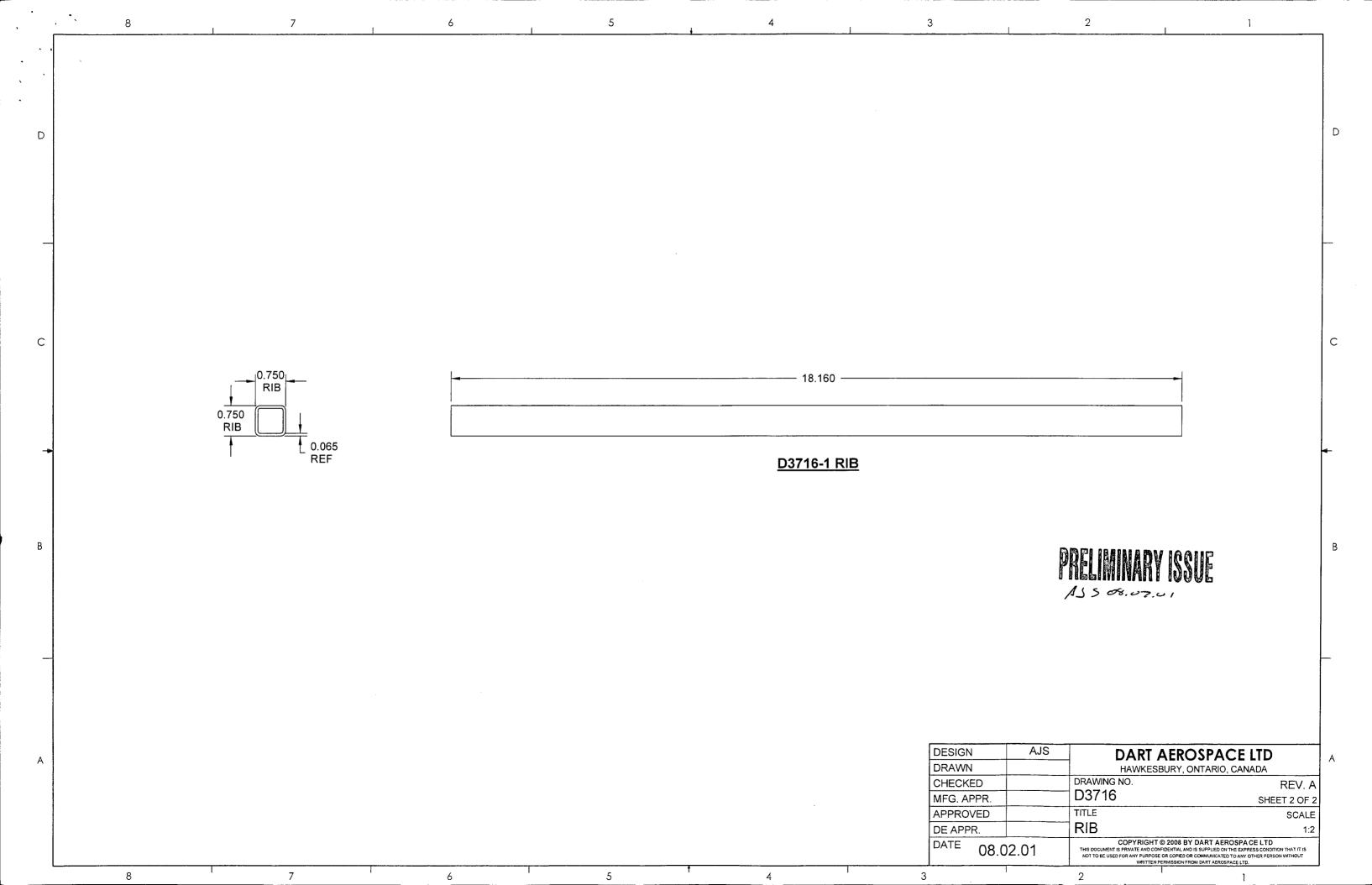
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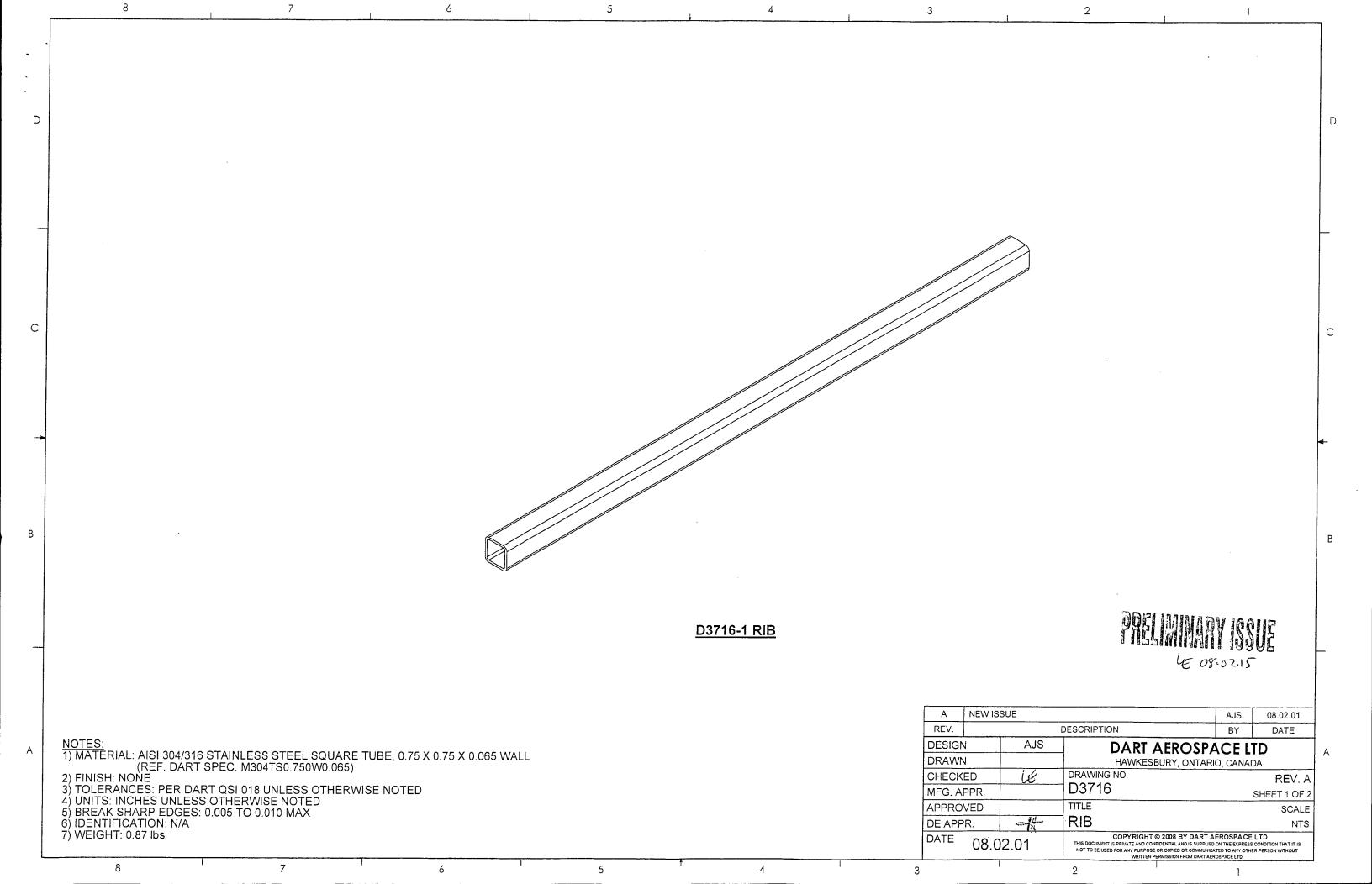
7) WEIGHT: 0.87 lbs

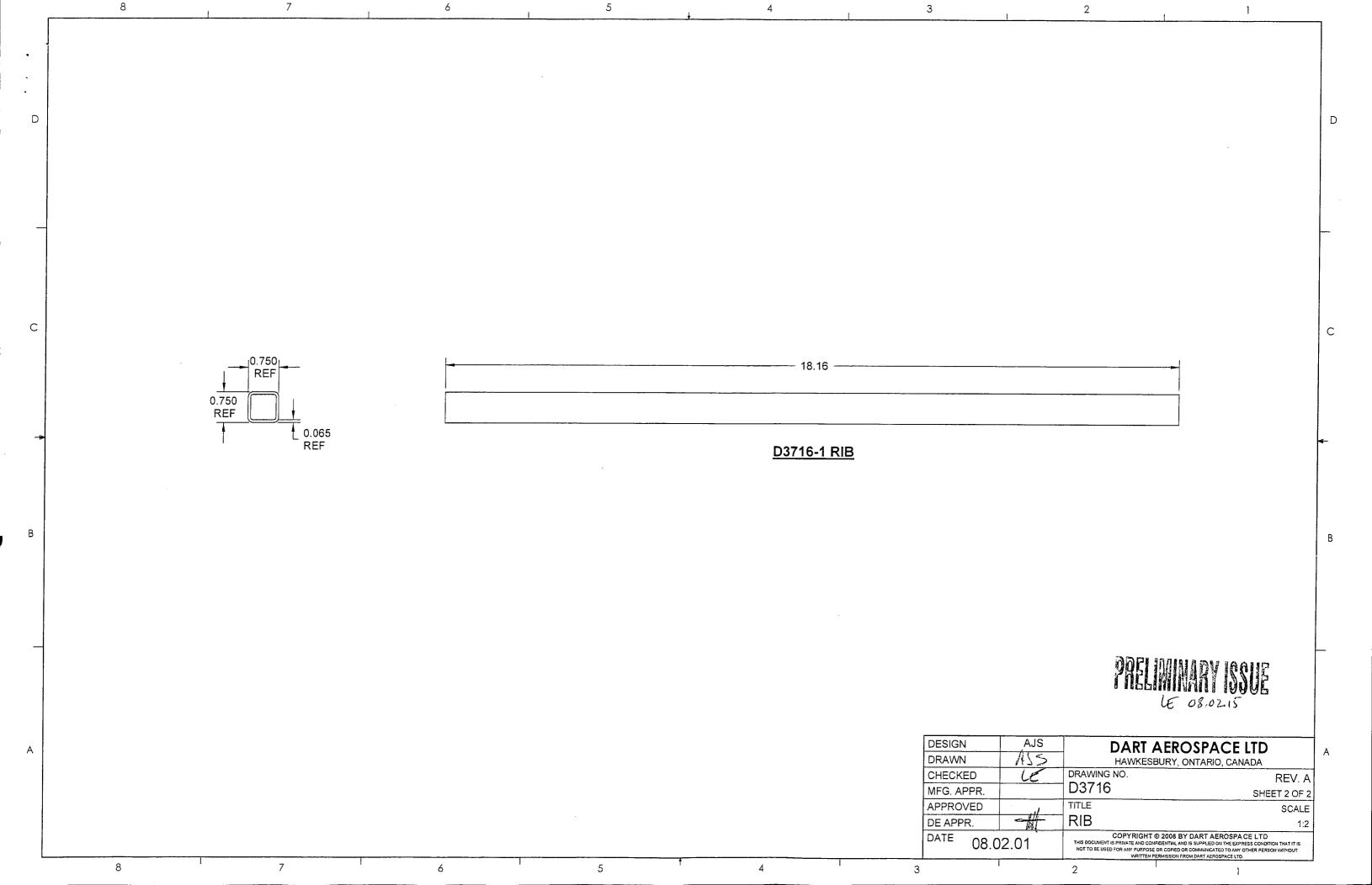
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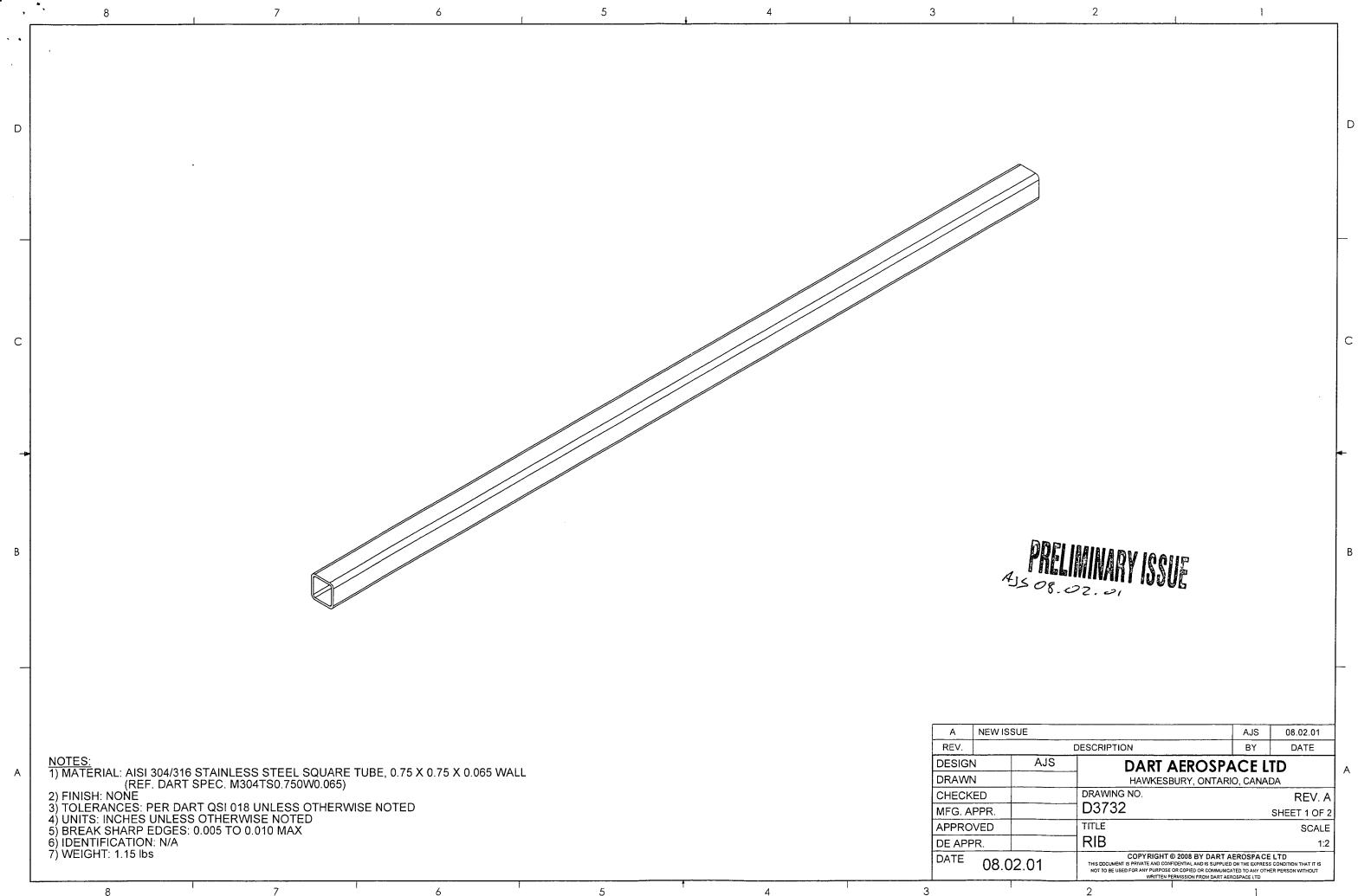
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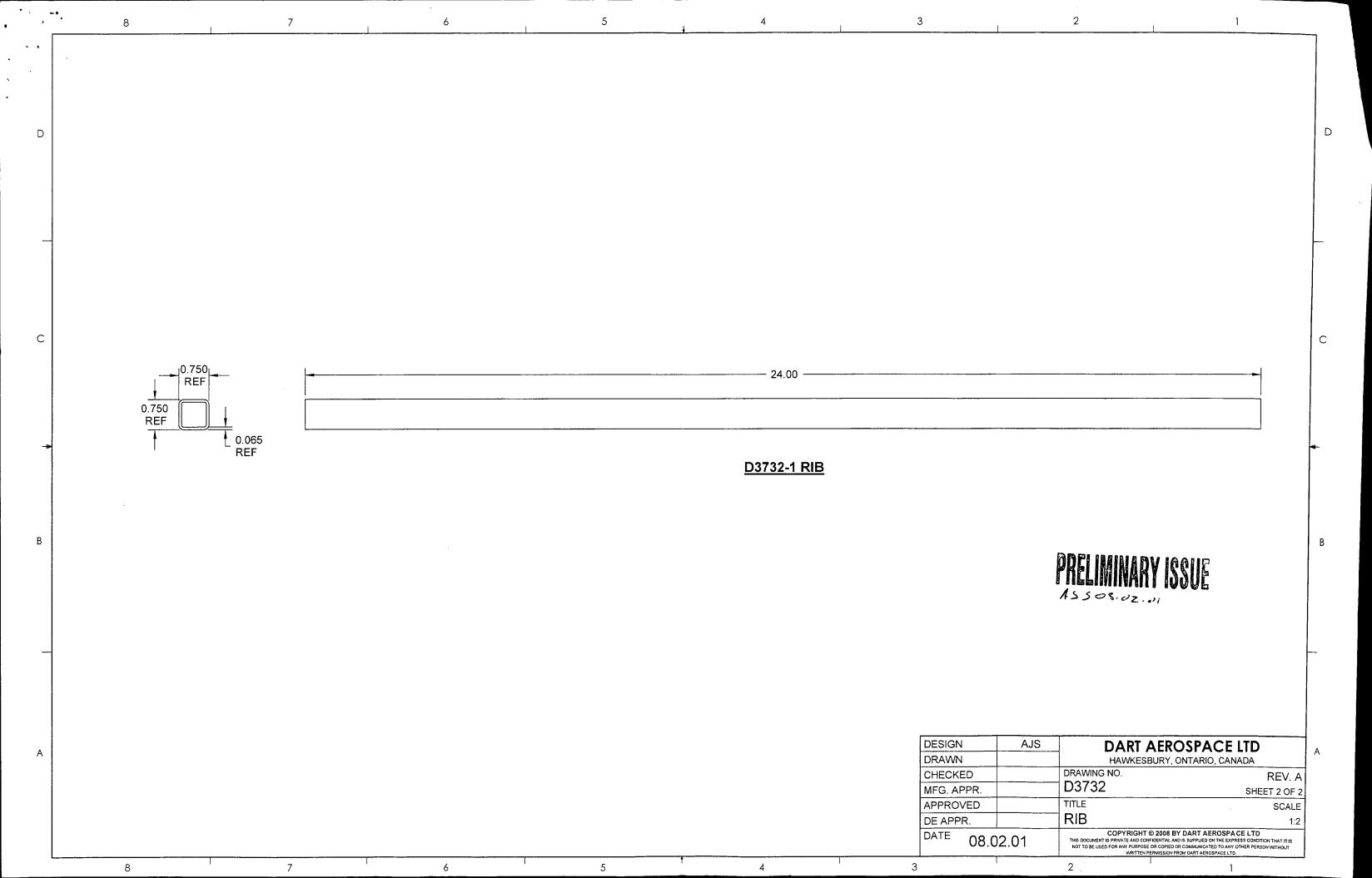
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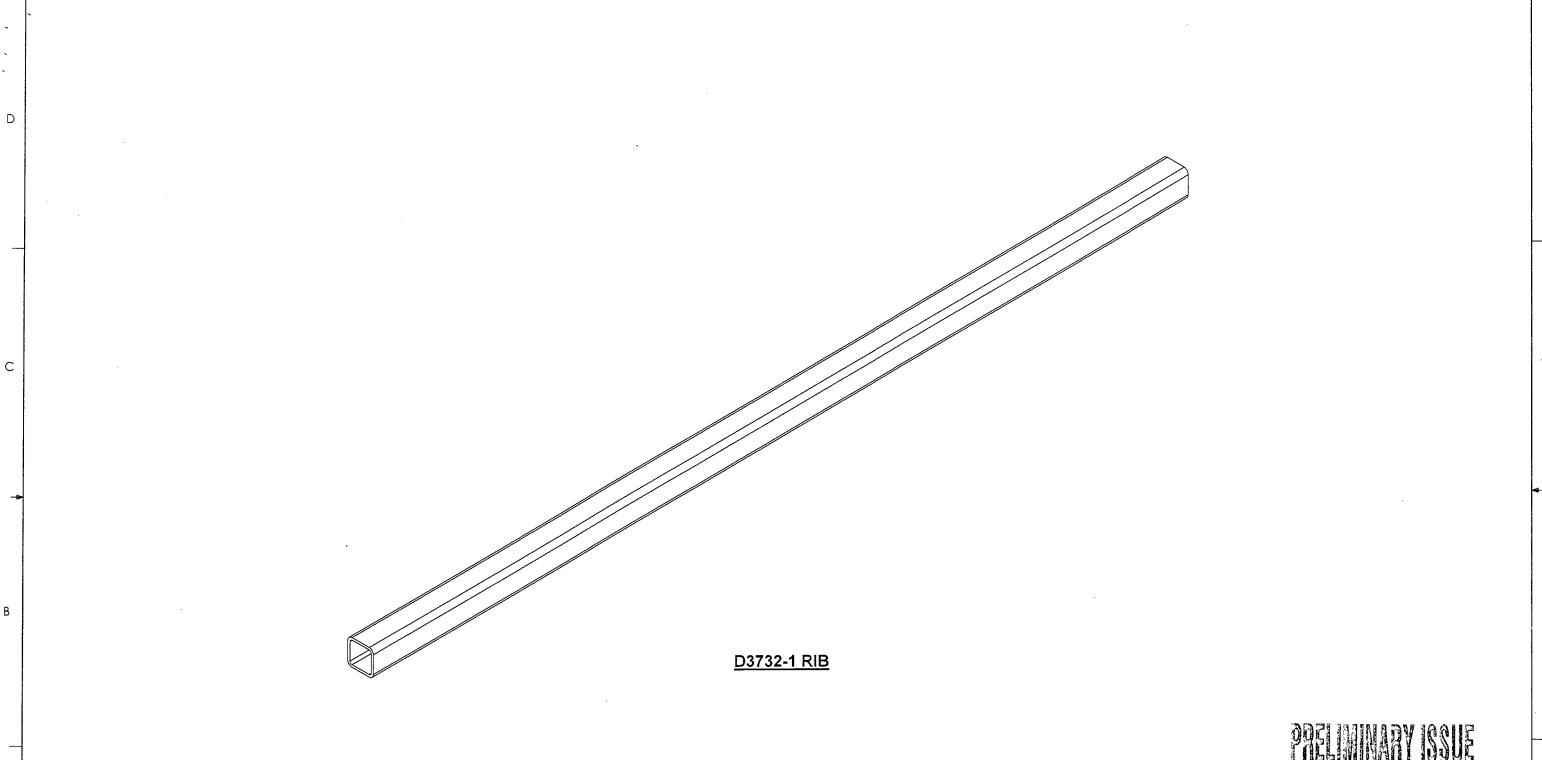










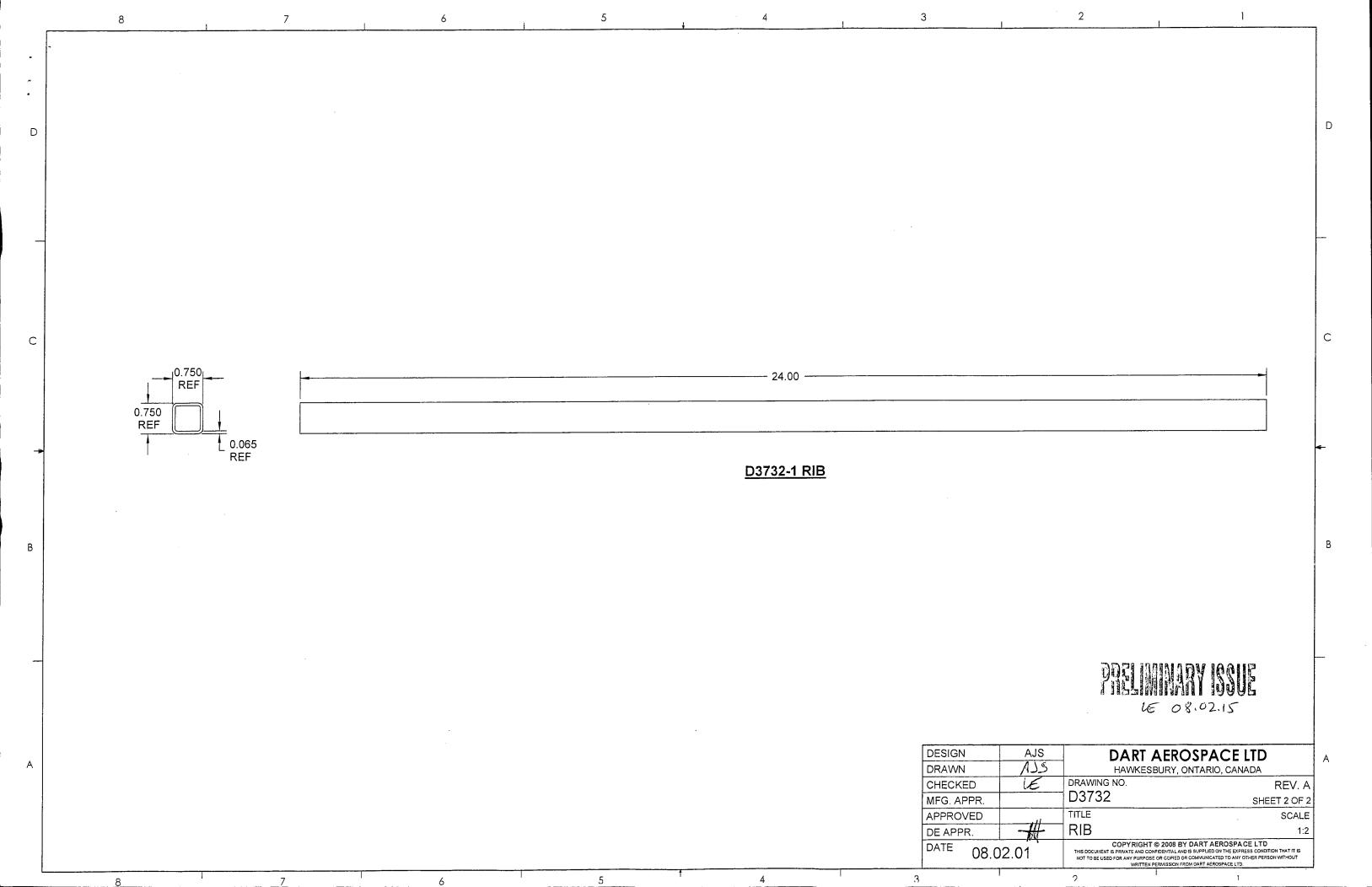


UE 08.02.15

Α	NEW ISSUE			AJS	08.02.01
REV.			DESCRIPTION	BY	DATE
DESIG	N	AJS	DART AEROSPACE LTD		
DRAW	N		HAWKESBURY, ONTARIO, CANADA		
CHECK	ŒD	IE	DRAWING NO.		REV. A
MFG. A	PPR.		D3732 SHEI		SHEET 1 OF 2
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NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL (REF. DART SPEC. M304TS0.750W0.065)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 1.15 lbs

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**D3743-1 MESH** 

PRELIMINATIONE

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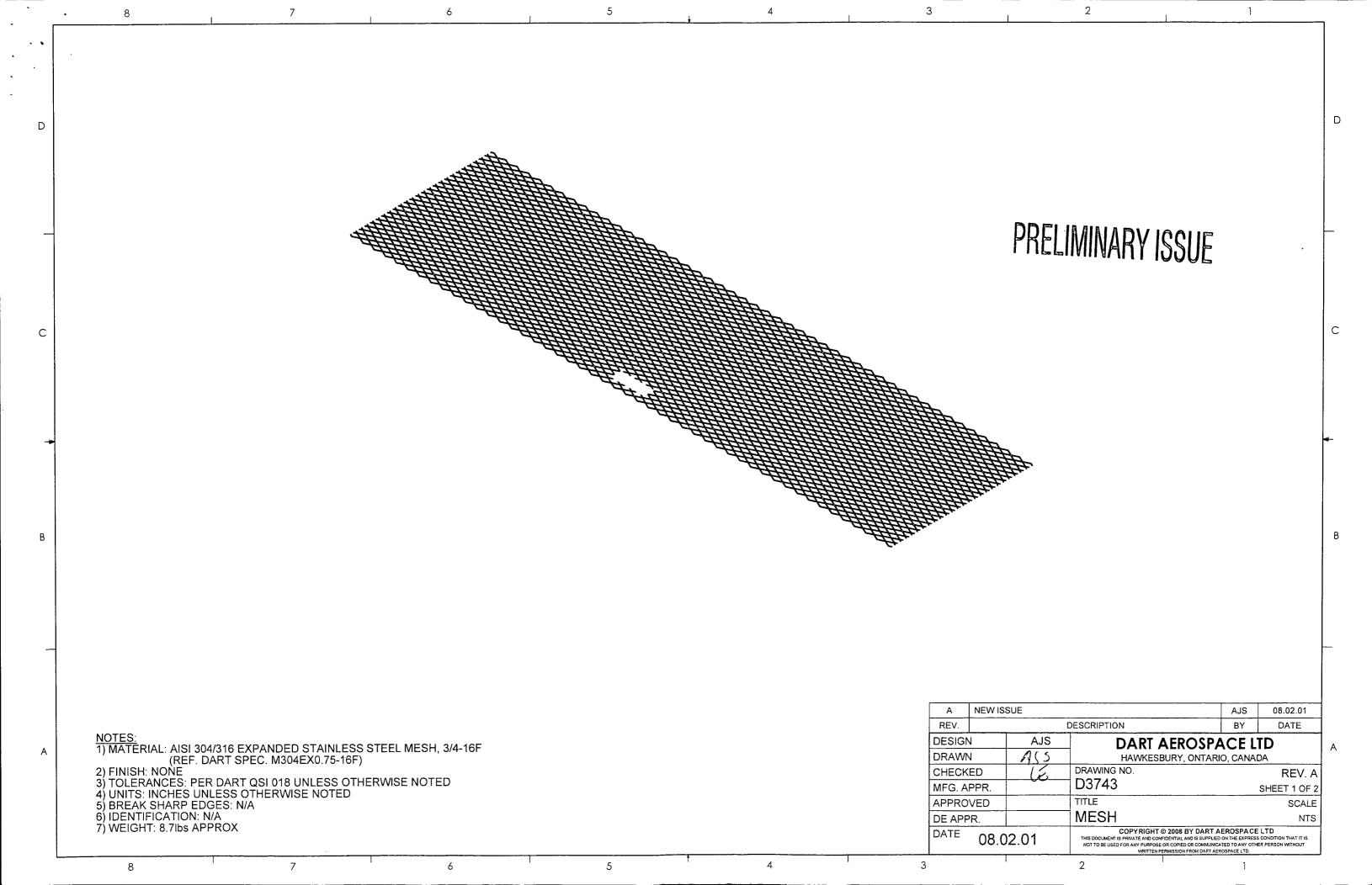
NOTES:
1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH, 3/4-16F (REF. DART SPEC. M304EX0.75-16F)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: 8.7lbs APPROX

A	NEW IS	SUE		AJS	08.02.01
REV.	DESCRIPTION			BY	DATE
DESIGN		AJS	DART AEROSPACE LTD		
DRAW	4		HAWKESBURY, ONTARIO, CANADA		
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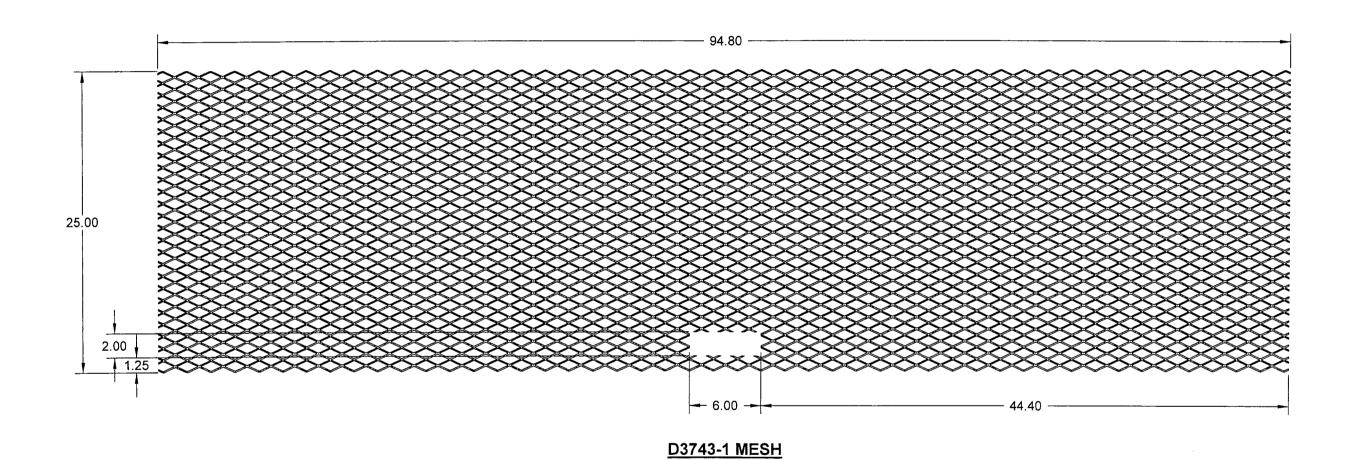
25,00 6.00 --D3743-1 MESH

DEEL WILLIAM 100UE 68.02.15

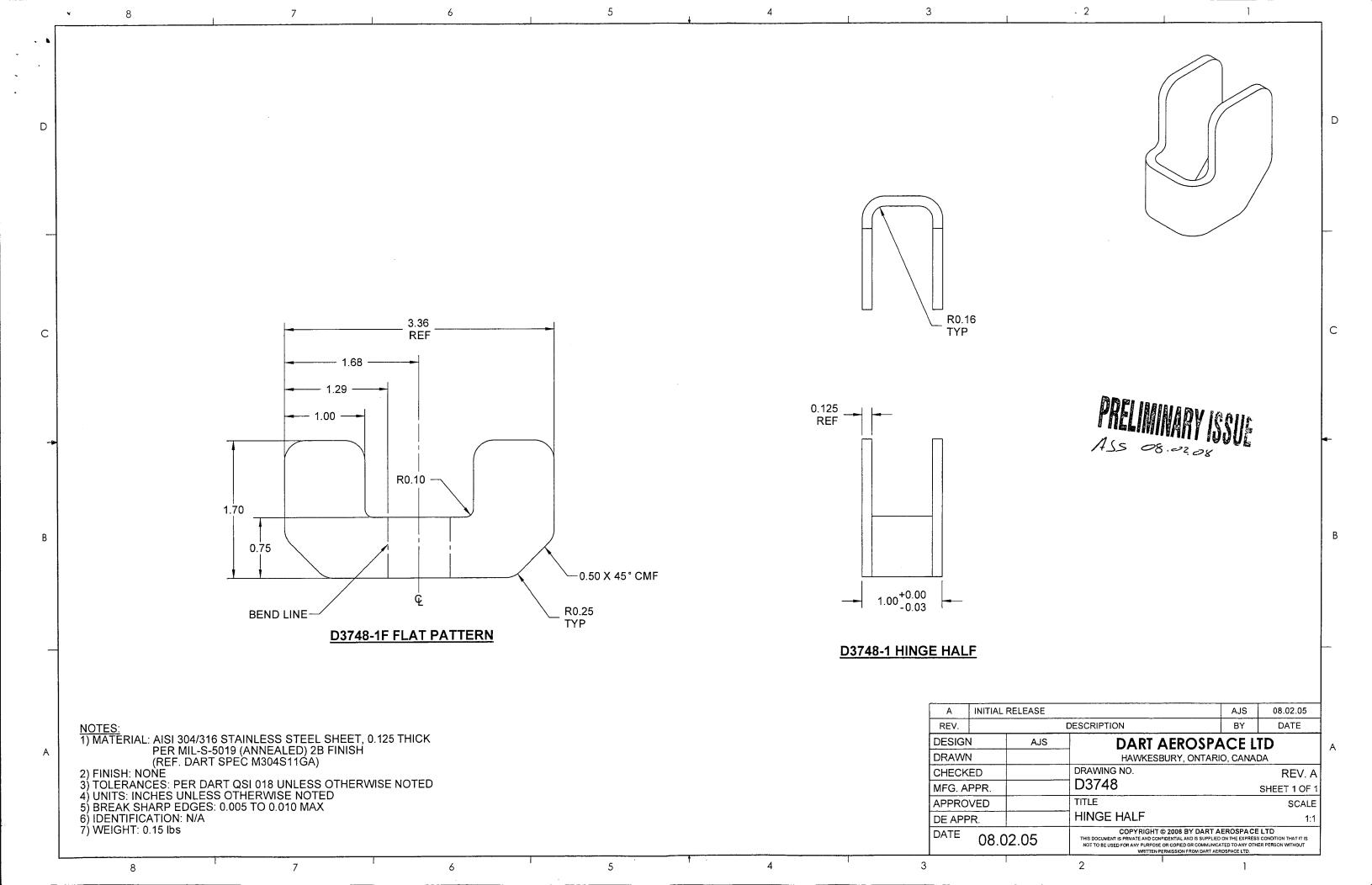
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MFG. APPR.		D3743	SHEET 2 OF 2	
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## PRELIMINARY ISSUE



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CHECKED	Æ	DRAWING NO.	REV. A
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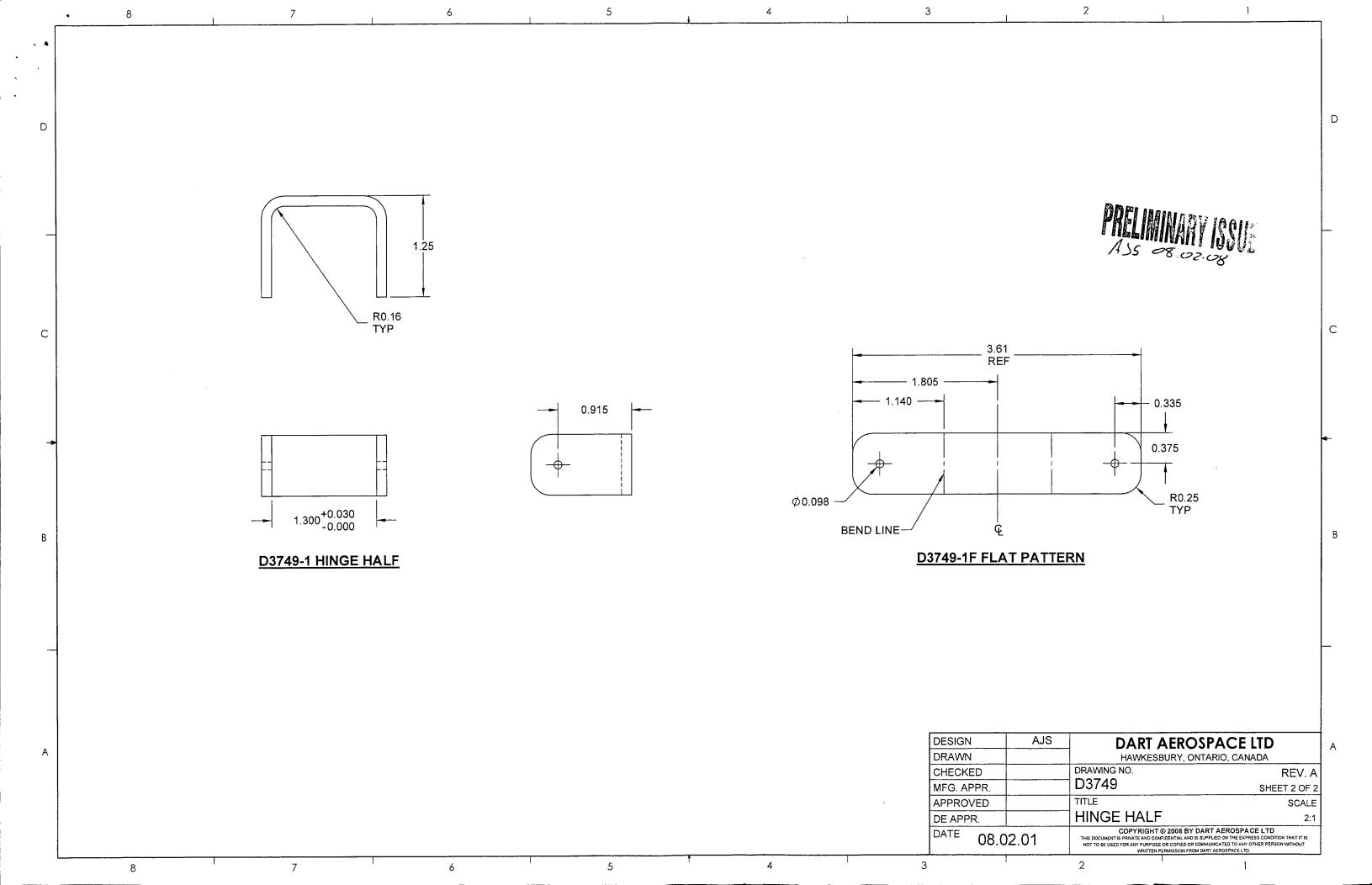


NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 0.125 THICK
PER MIL-S-5019 (ANNEALED) 2B FINISH
(REF. DART SPEC M304S11GA)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.09 lbs

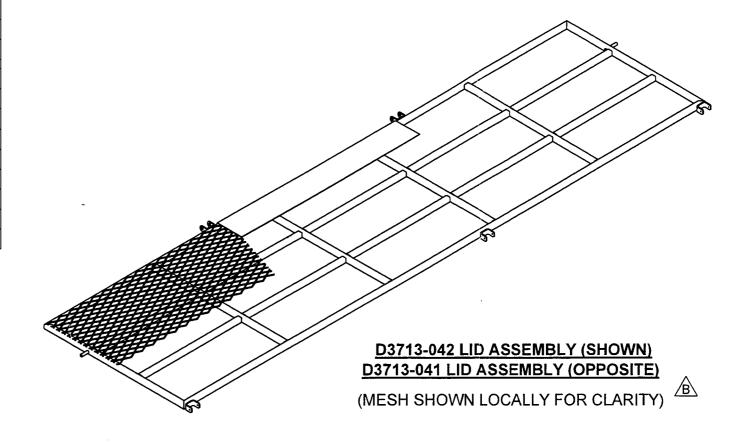
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Α	NEW ISSUE			08.02.01
REV.		DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD		
DRAWN		HAWKESBURY, ONTARIO, CANADA		
CHECKED		DRAWING NO.		REV. A
MFG. APPR.		D3749 SHEE		SHEET 1 OF 2
APPROVED		TITLE		SCALE
DE APPR.		HINGE HALF		NTS
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QTY -042 DESCRIPTION PART NUMBER -041 LID ASSEMBLY D3713-041 Х B LID ASSEMBLY Χ D3713-042 D2327-1 SPACER 2 2 LABEL PLATE 1 D2329 MOUNTING BRACKET D2581 2 2 2 D3714-1 2 RIB 2 D3715-1 2 RIB D3716-1 10 10 RIB D3732-1 4 MESH D3743-1 1 HINGE HALF D3749-1 3



В	SHEET 1 -042 WAS -041; ADDED CORRECT -041 ASSEMBLY, NOTE 9 ADDED, ZONE C2 LID ASSEMBLY WAS D3713-041. WEIGHT WAS 36 lbs. SHEET 2 ZONE B5 LID ASSEMBLY WAS D3713-041, ZONE D6 31.53 DIM WAS 31.64, ZONE D3 54.40 DIM NOW REF ZONE D2 0.13 REF DIM ADDED ZONE B6 29.65 DIM WAS 29.77, ZONE D3 & D2 FLAG NOTE 9 ADDED.					
Α	NEW ISSUE			AJS	08.02.01	
REV.	DESCRIPTION			BY	DATE	
DESIG	N AJS DART AEROSPACE LTD			TD		
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MFG. A	PPR.	PR. D3713			SHEET 1 OF 3	
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DE APE	PR. LID ASSEMBLY		☐ LID ASSEMBLY		NTS	

1) MATERIAL: NUNE
2) FINISH: POWDER COAT BLACK SANDTEX (4.3.5.7) PER DART QSI 005 4.3
APPLY BLACK ANTI-SKID TO OUTSIDE SURFACE OF MESH PER DART QSI 005 4.4
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: NONE

NOTES: 1) MATERIAL: NONE

D

С

B

7) WEIGHT: N/A B 8) WELDING: PER DART QSI 004

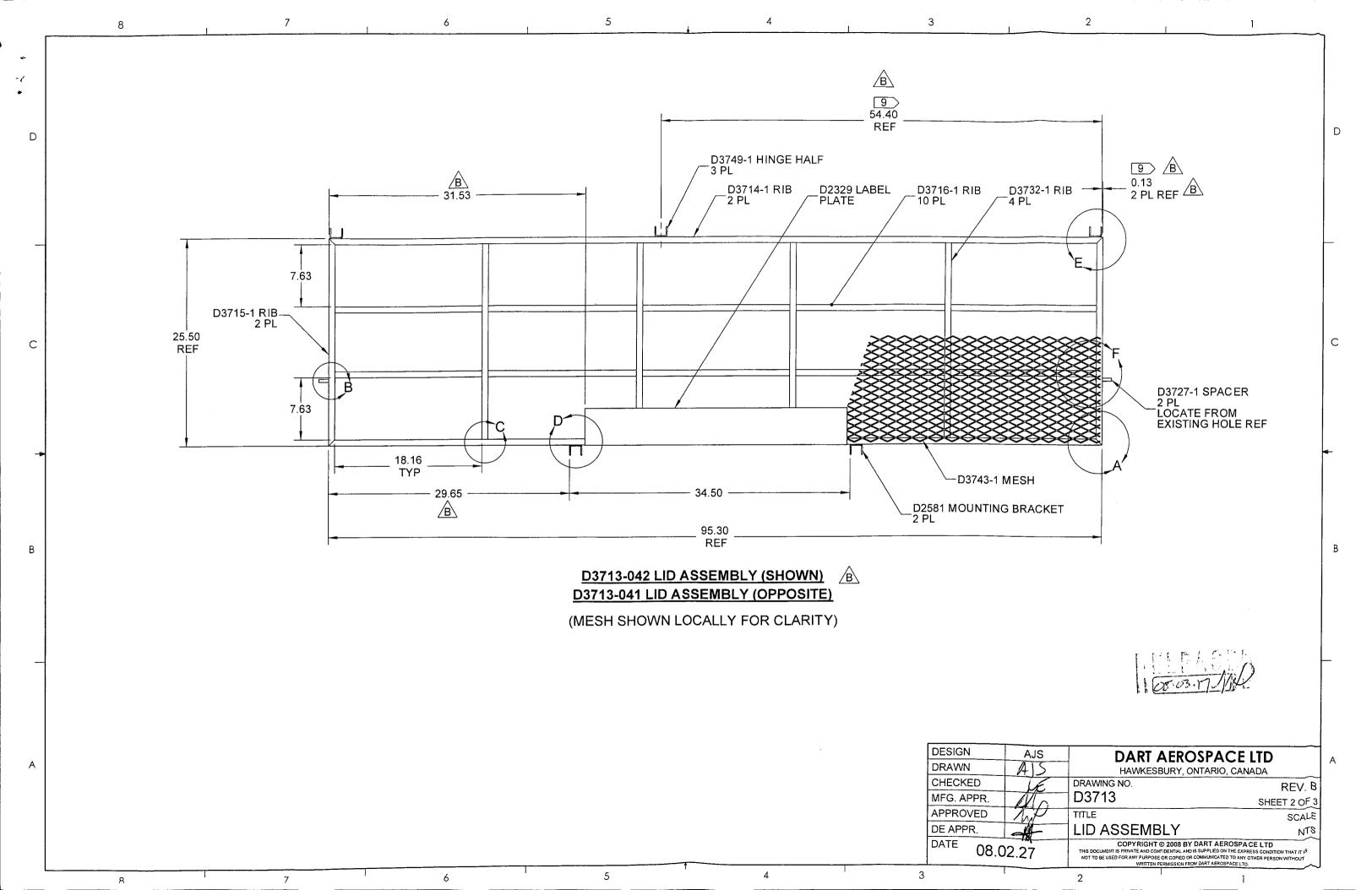
9) CENTER D3749-1 HINGE HALF ON D3748-1 HINGE HALF ON D3712-041/042 BASKET BASE ASSEMBLY B

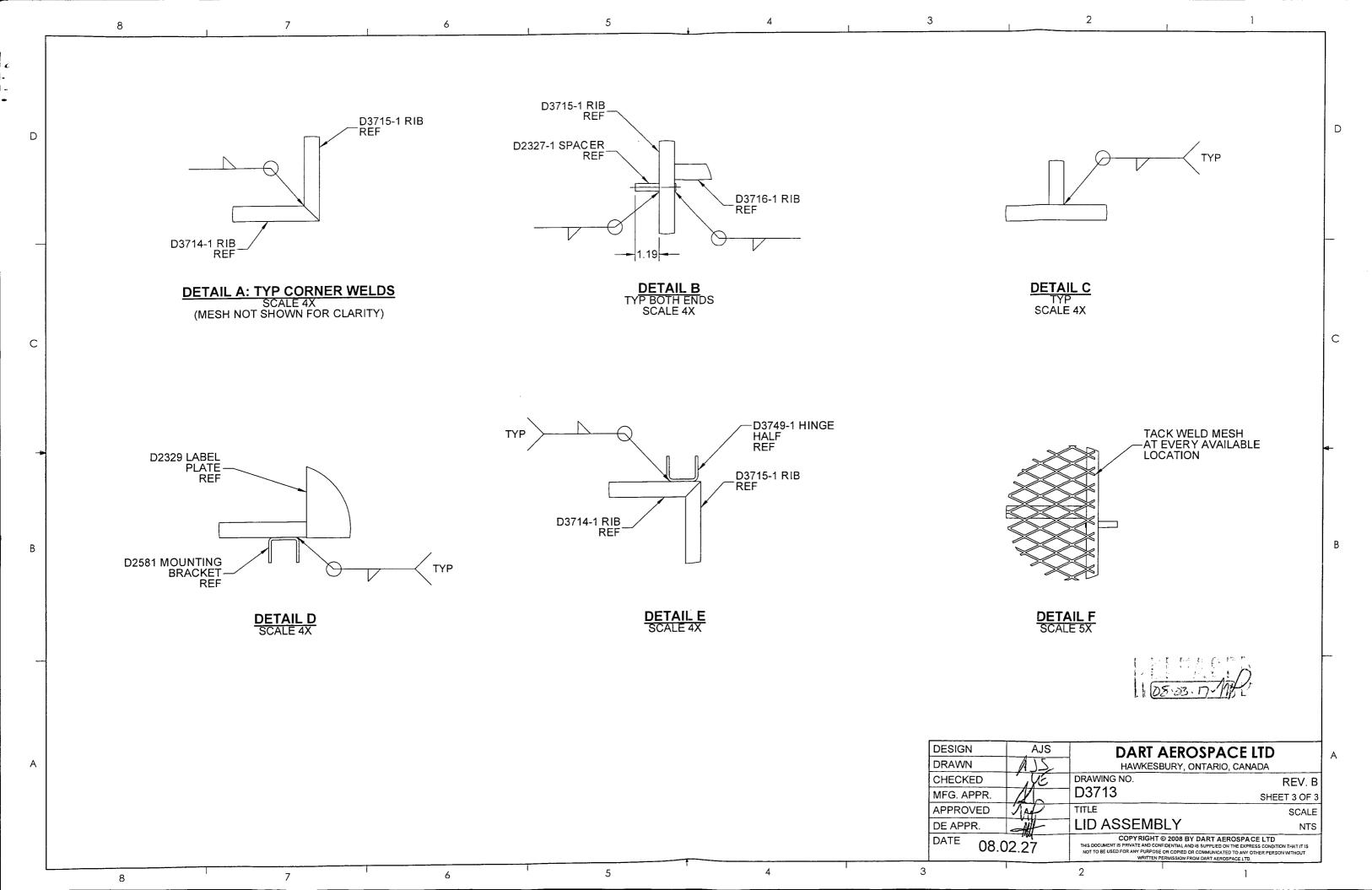
DATE

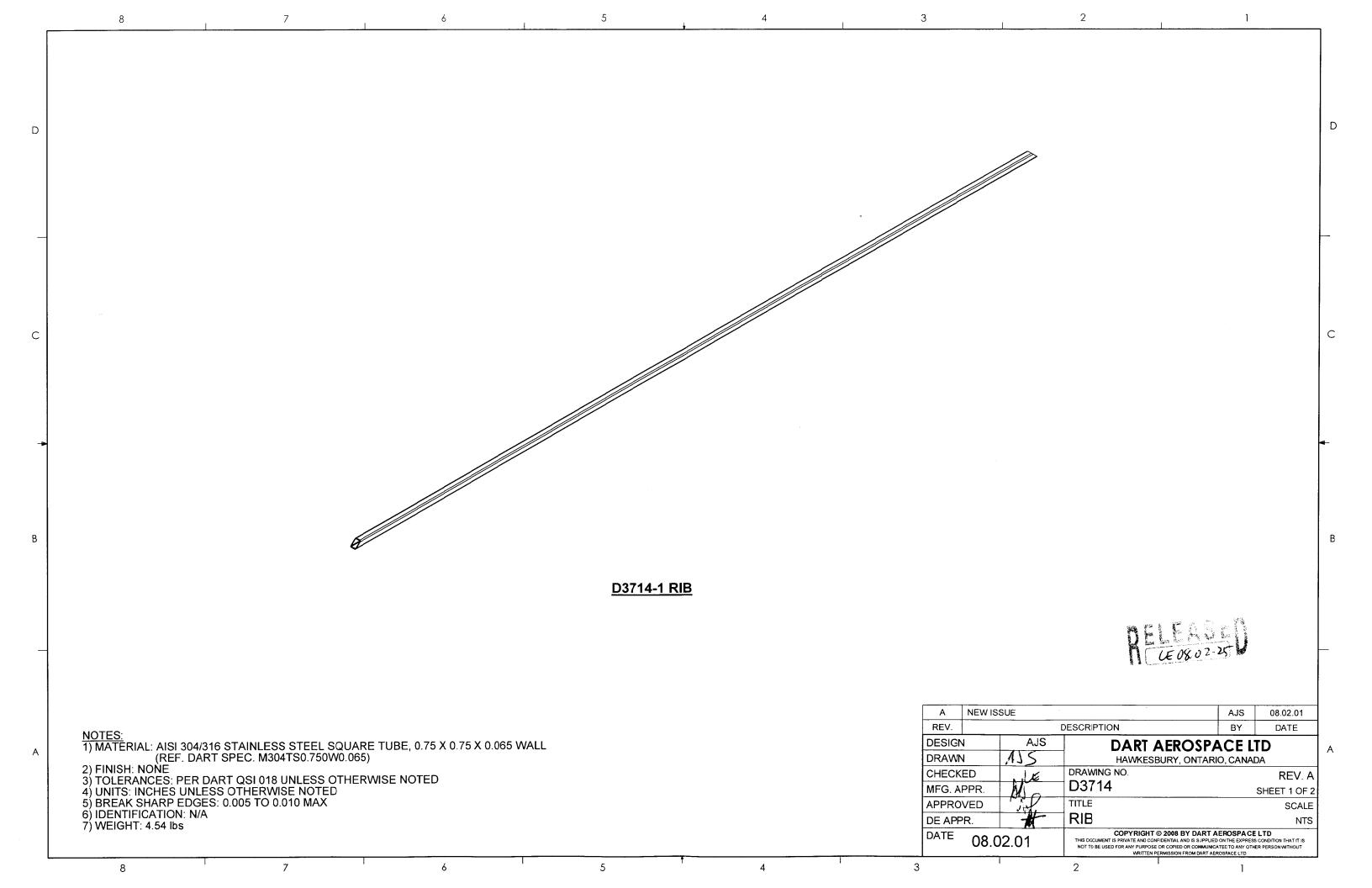
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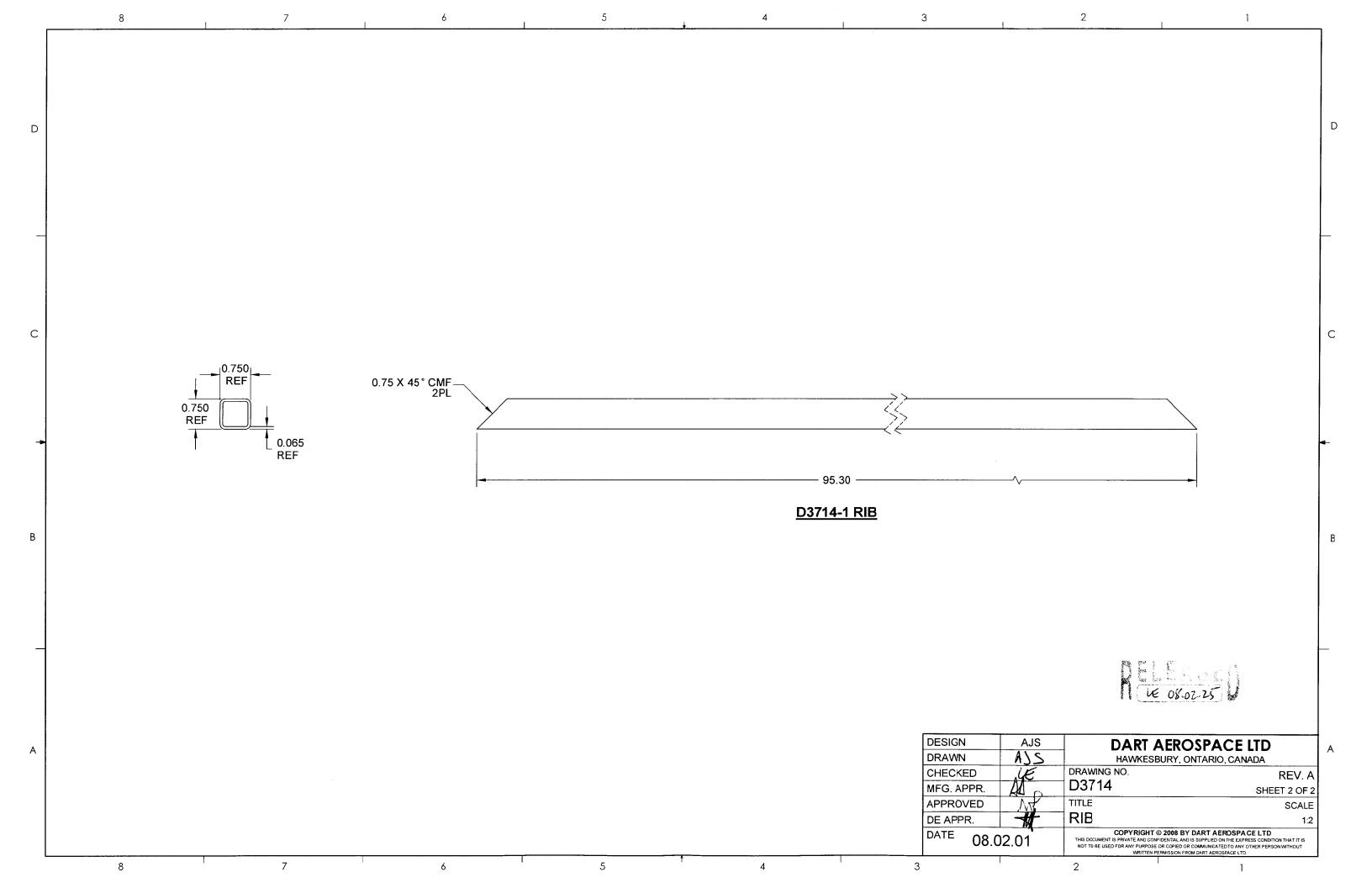
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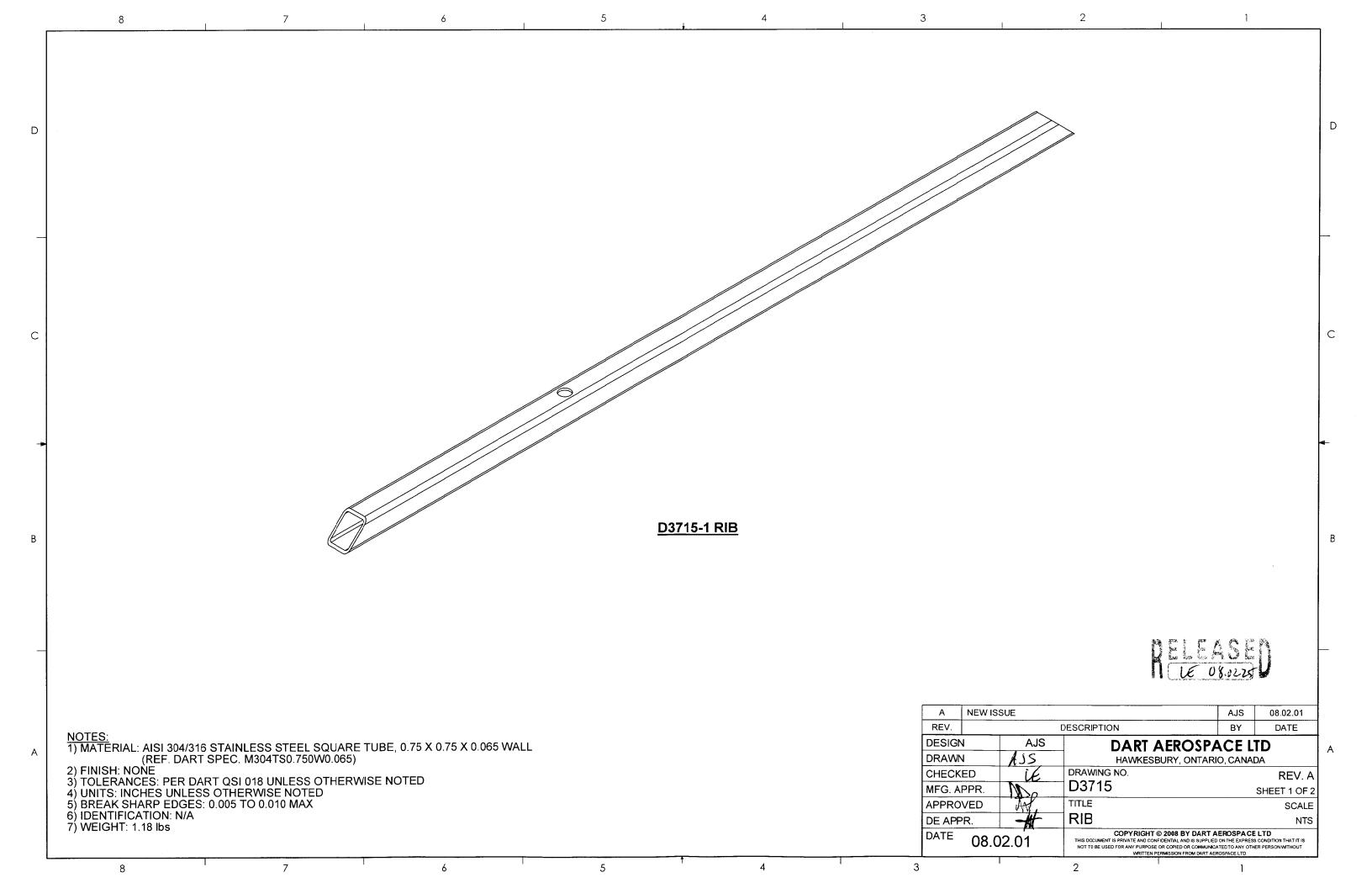
08.02.27

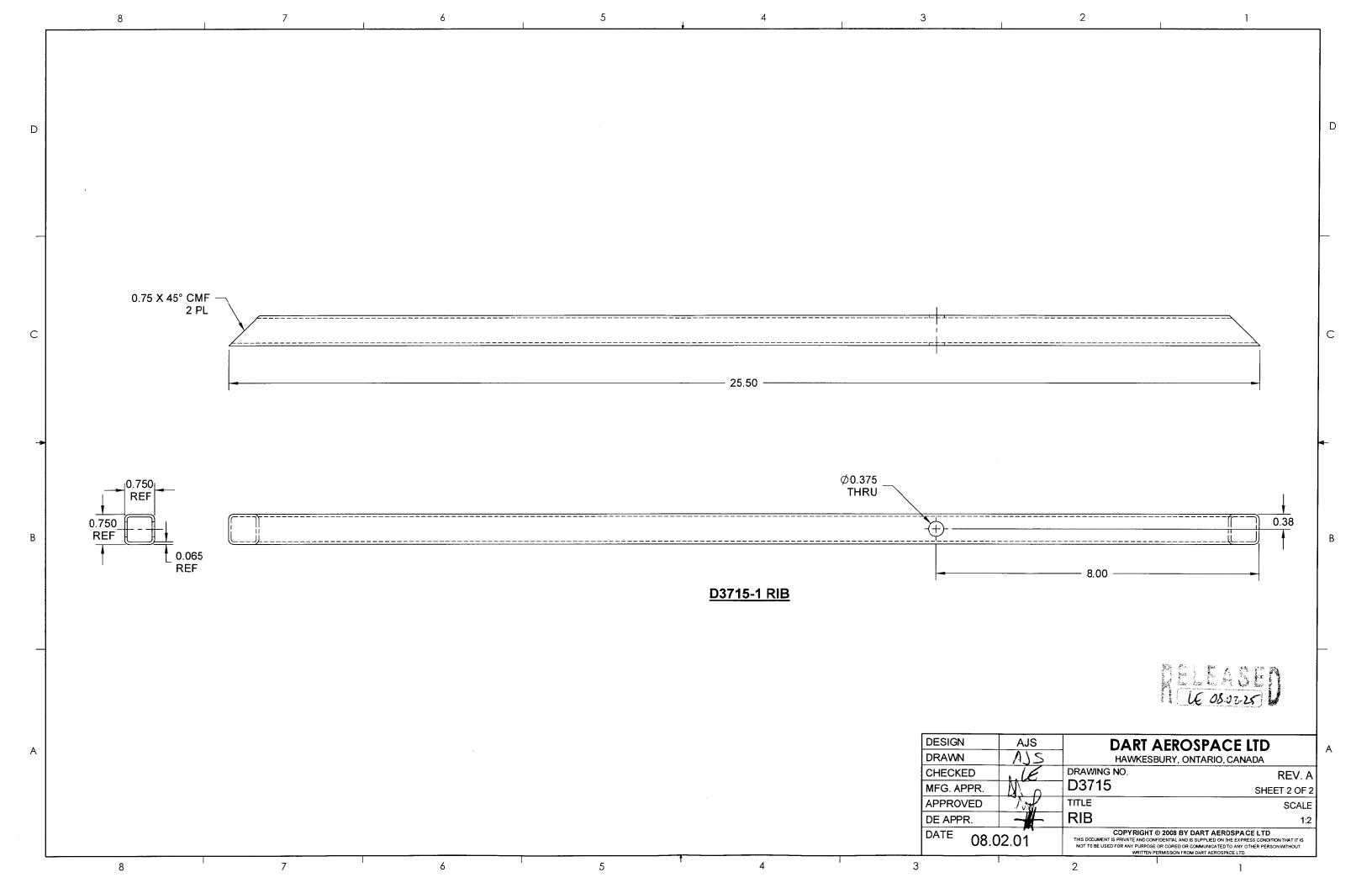


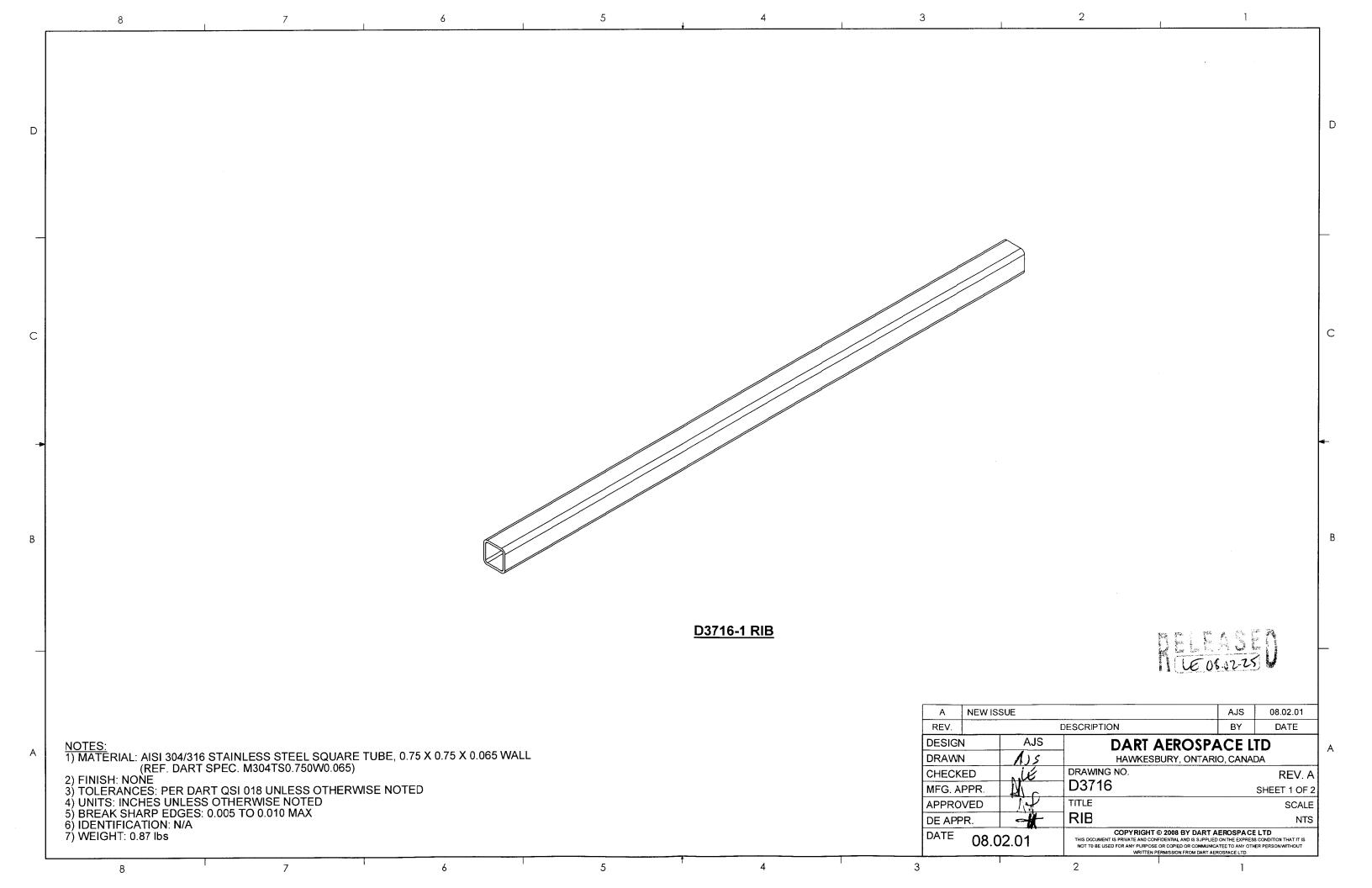


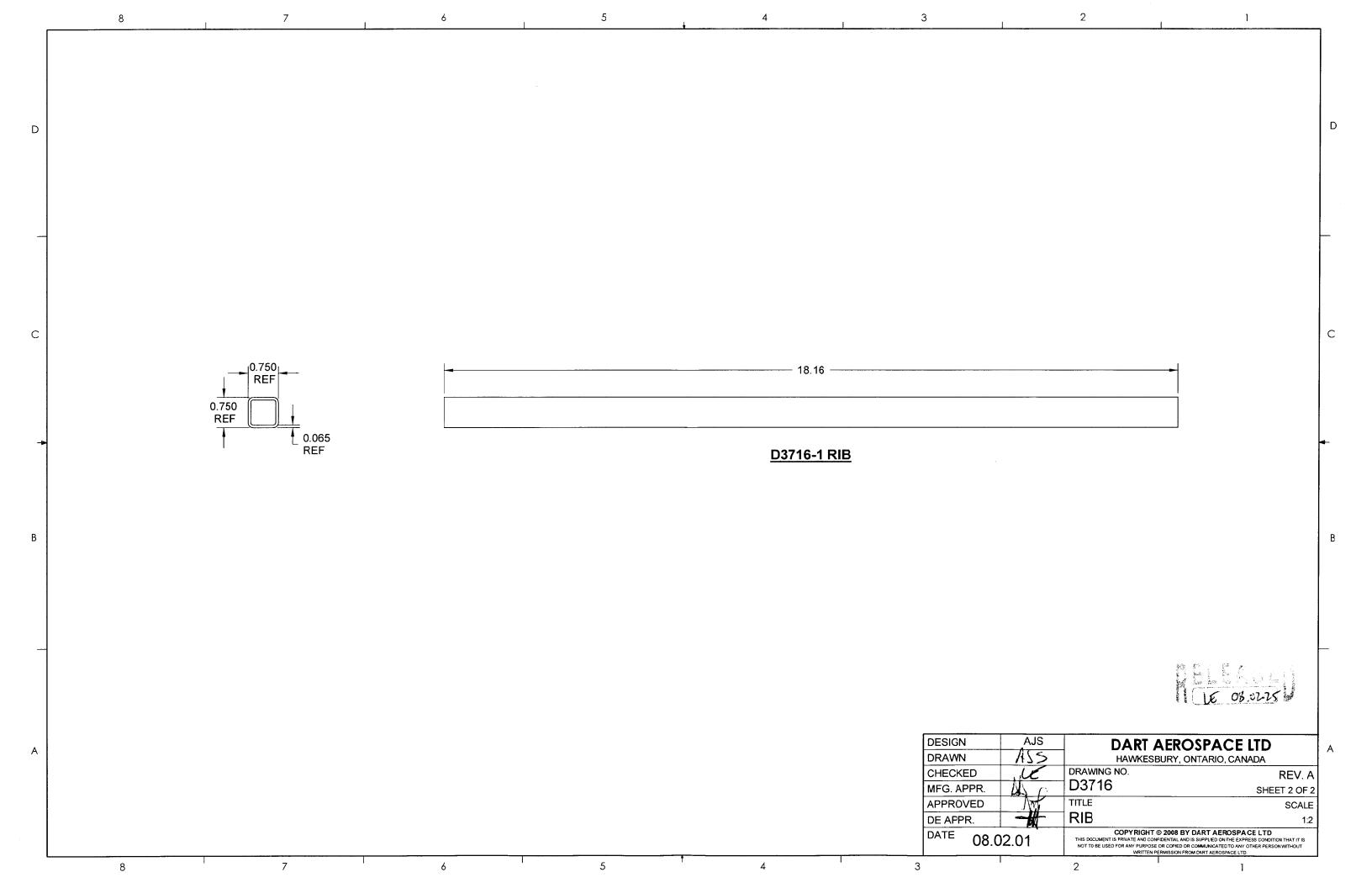


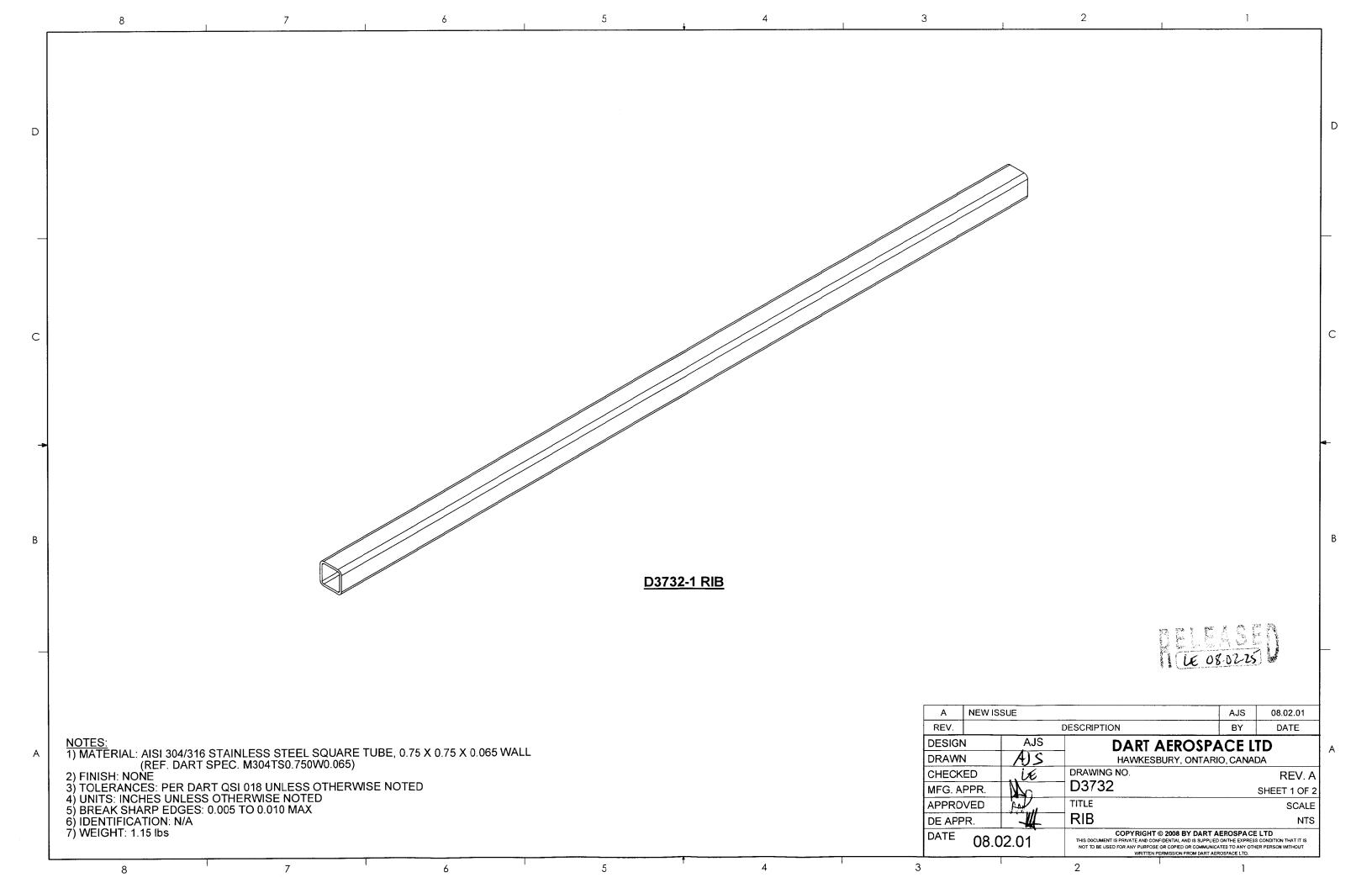


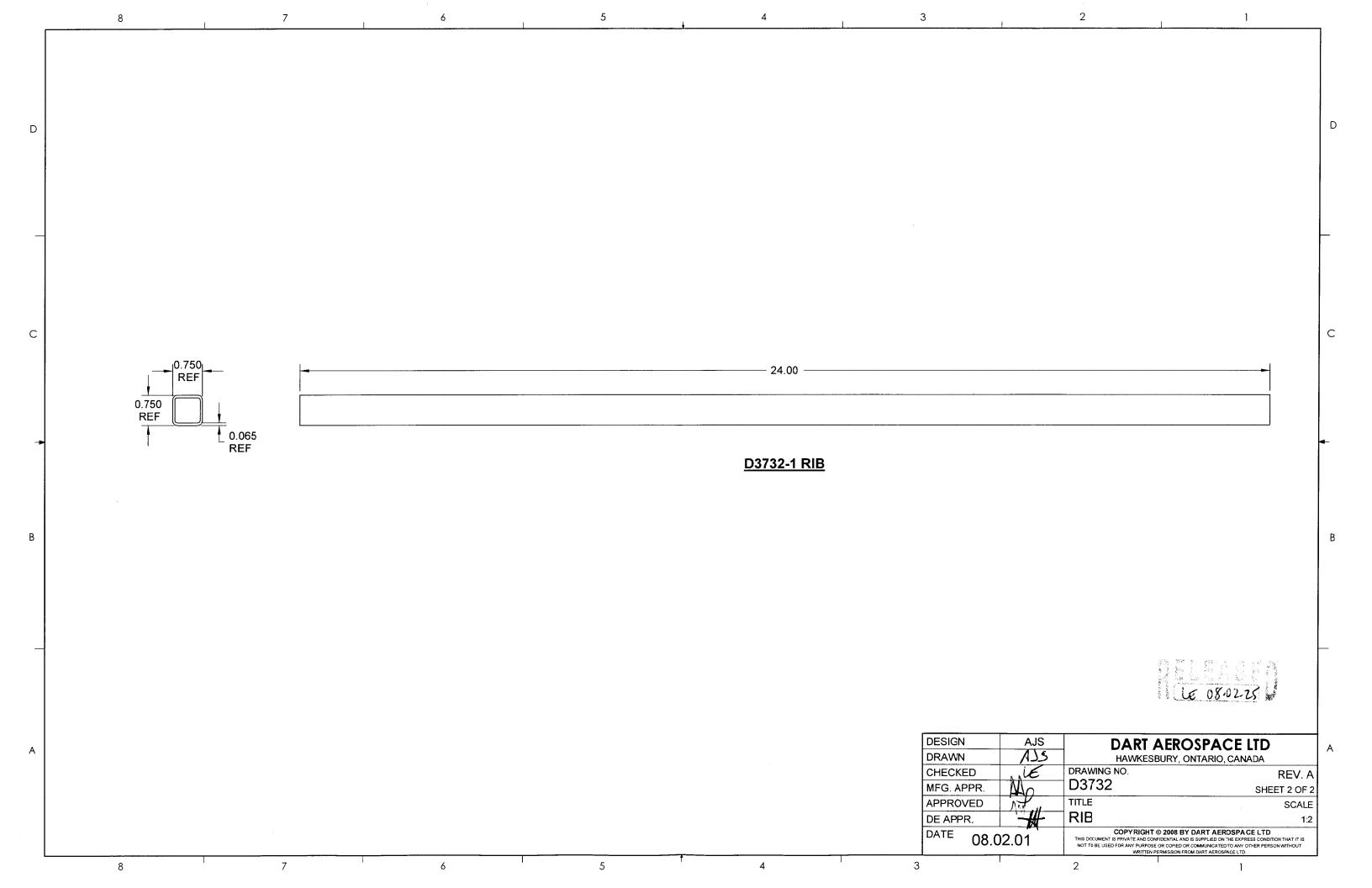












D С D3749-1 HINGE HALF NEW ISSUE Α 08.02.01 NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 0.125 THICK PER MIL-S-5019 (ANNEALED) 2B FINISH (REF. DART SPEC M304S11GA) REV. DESCRIPTION DATE **DESIGN** AJS DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA 2) FINISH: NONE DRAWING NO. CHECKED 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX REV. A D3749 MFG. APPR. SHEET 1 OF 2 TITLE APPROVED SCALE 6) IDENTIFICATION: N/A HINGE HALF DE APPR. NTS 7) WEIGHT: 0.09 lbs COPYRIGHT © 2008 BY DART AEROSPACE LTD

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WRITTEN PERMISSION FROM DART AEROSPACE LTD. DATE 08.02.01 3

